# je Klining Iommal,

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 1809.—Vol. XL.

LONDON, SATURDAY, APRIL 23, 1870.

(SUPPLEMENT) {STAMPED ....SIXPENCE. UNSTAMPED..FIVEPENCE,

MR. JAMES CROFTS, STOCK AND SHAREBROKER,
No. 1, FINCH LANE, CORNHILL.

HOLDERS Of mining shares DIFFICULT OF SALE in the open market may find purchasers for the same through Mr. CROFTS' agency. Also parties requiring advice how to act in the disposal or abandonment of doubtful mining stocks may profitably avail of Mr. CROFTS' long experience on the market in all cases of doubt or difficulty, legal or otherwise.

Tin has again risen this week. The continued advance is creating an immense demand for shares in good tin mines. At the ROCHE CONSOLS TIN MINE (Roche, Cornwall), in 3000 shares, large returns can be made at a very low cost, whilst black tin is now £80 per ton. A great discovery has taken place at the middle lode. This is only 5 fms. from surface, and it is going down very rich. The agent also reports the cutting of a lode, "nearly 4 ft. wide, containing rich work for tin, which, with the other two aiready laid open, will yield immense quantities of rich tinstuff for the stamps." The shares at present are only 10s., but they must shortly rise to at least double or treble this price. The mine is situated at the head of the celebrated Goss Moors, from which millions worth of tin have been raiseed. Bankers: Metropolitan Bank.

MAR. W. H. BUMPUS. STOCK AND SHAREDEALER.

M B. WILLIAM WARD, JOHN RISLEY, (SWORN) STOCK AND SHAREBROKER, 48, THREADNEEDLE STREET, LONDON, E.C. Bankers: London and Westminster, Lothbury.

MR. Y. CHRISTIAN, STOCK AND SHAREDEALER,
11, ROYAL EXCHANGE, E.C.,
Bankers: Bank of England.

MR. T. A. MUNDY, STOCK AND SHAREDEALER, 38, BISHOPSGATE STREET WITHIN, E.C. Bankers: City Bank.

MB. JOHN MOSS, STOCK AND SHAREDEALER, ST. MICHAEL'S CHAMBERS, 42, CORNHILL, E.C. Bankers: City Bank, Finch-lane, E.C.

MR. J. B. REYNOLDS, STOCK AND SHAREDEALEB, 70 AND 71, BISHOPSGATE STREET WITHIN, LONDON, E.C., Bankers: City Bank.

WALTER TREGELLAS, 122, BISHOPSGATE STREET WITHIN, LONDON, E.C., DEALS in all descriptions of ENGLISH and FOREIGN SECURITIES, either for immediate cash or the fortnightly

and FUREIGN OF CHARLES, SECTION OF THE BEARING GOLD MINES, which, from long experience, he is well acquainted with.

Taquaril shares are a first-class investment; also Eclipse, California.

M. R. E. J. BARTLETT, STOCK AND SHAREDEALER, No. 30, GREAT ST. HELEN'S, LONDON, E.C., transacts business at net prices in every description of security.

\*\*\* SPECIAL BUSINESS in West Tankerville, Tankerville, Nantoos, Great Western, Caldbeck Fells, East Seton, Frank Mills, North Pool, Wheal Agar, New Lovell, Great Bock, South Conduirow, East Lovell, and Great Laxey shares.

Twenty-five Years' Experience.

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FOR SALE, a net prices, for each, the following shares:
300 Anglo-Brazil., 9s. 6d.
10 Eclipse, 11s. 6d.
15 East Lovell, £22 s. 6d.
15 East Lovell, £26 7s. 6d.
16 Bwadrain Con., £24 s.
10 Cape Copper, £20.
10 Cape Copper, £20.
10 Faral Mills, £2/s.
10 Pernyl, £2 1s. 8d.
10 Evon Con., £102/s.
10 Faral Mills, £2/s.
10 Faral Mills, £2/s.
10 Faral Caradon, £4 11 s.
11 Evon Con., £102/s.
12 Evon Con., £102/s.
13 E. Caradon, £4 11 s.
14 Bast Secon, £1s. 3d.
15 E. Caradon, £4 11 s.
16 Bast Secon, £1s. 3d.
10 New Lovell, £2 6s. 3d.
10 New Lovell, £2 6s. 3d.
10 New Lovell, £2 6s. 3d.
10 Tan.yr. Allt, £5 5s.
15 W. Tankerville, £1 5s.
25 W. Tankerville, £1 5s.
26 West Law, £45 5s.
26 West Law, £45 5s.
27 Van Consols, £3 15s.
28 W. Tankerville, £45 5s.
29 W. Tankerville, £45 5s.
29 W. Tankerville, £45 5s.
29 W. Tankerville, £45 5s.
20 W. Tankerville, £45 5s.
20 W. Tankerville, £45 5s.
29 W. T

MR. H. WADDINGTON, 48, THREADNEEDLE STREET, LONDON.
WHEAL AGAR is on the eve of fulfilling the predictions of its most sanguine advocates. The 140 cast and west is opening up one of the finest deposits of tin ever seen in this celebrated district; 13 fms. in length east of shaft have now been driven, and the end improving in going cast. The western end continues worth £60 to £70 per fathom: shares, £2%, £2%.

Inuse worth £66 to £70 per fathom: shares, £2%, £2%.

MR. WILLIAM MARLBOROUGH, 1, GREAT ST. HELEN'S, BISHOPSGATE STREET, LONDON, E.O. (Established 15 years), has FOR SALE the FOLLOWING \$HARES, at net prices:—
20 Assheton, £8 11s. 2d. 10 East Caradon, £4%, 10 East Bottle Hill, 12ss 20 Bronfloyd, £4 2s. 40 Ewadrain Consols, 61 Concara East, £6%, 10 Great Enck, £6%, 10 Great E

MR. GEORGE BUDGE, STOCK AND SHAREDEALER,
No. 4, ROYAL EXCHANGE BUILDINGS, LONDON, E.C. (Established
21 years), is a SELLER as met prices of:—
25 East Grenville; 60 Drake Walls; 30 Bwich Consols; 100 Bwadrain Consols;
80 East Chiverton; 90 Perran Consols; 76 West Tankerville; 10 Great Wheal
Vor; 3 Minera; 60 Gwydyr Park; 1 Dolcoath; 20 North Levant; 100 Wheal
Ida; 50 Great Caradon; 100 West Pant-y-Go; 40 Hammett; 20 Aberdaunant;
80 East New Wheal Loveli; 40 Great South Chiverton; 100 Edmoor; 13 Tankerville; 20 Great Rock; 20 Caegynon; 5 Van; 3 West Chiverton; 100 Lusitanian;
200 Almade and Trito Consolidated; 150 Anglo-Brazillan.
Mr. BUDGE recommends the purchase of Minera and Devon Great Consols shares
at present quotations. He also strongly advises investors to purchase an interest
in Bwadrain Consols, which is situated in the best locality for silver-lead ore
in Cardignashire, being in the same channel of ground and parallel to the celebrated East Darren, Cwm Erfin, Bronfloyd, Bwich Consols, and other well-known
that a profit beyond the cost of the erection of new machinery which is now
being supplied with the view to increase returns. There are many very important points gradually developing themselves in this mine that will considerably increase the value of the shares; it is a legitimate undertaking well worthy
the attention of investors.

CORNISH AND WELSH (LEAD) MINES-FOREIGN GOLD MINES. TO SHAREHOLDERS AND OTHERS.

PRTER WATSON'S "WEEKLY MINING GIRCULAR AND SHARE LIST-YNOPSIS OF CORNISH AND DEVON MINES," of Friday, April 22, No. 581 cl. XII., price 6d. each copy, forwarded on application, contains information the following mines:

Tankerville.

West Great Work.

East Wheal Lovell,

Great Western. North Wheal Crofty.

he following mines:—

ankerville.

Trumpet Consols.

Australian United,
West Caradon.

Australian United,
West Caradon.

East Wheal Lovell
West Caradon.

East Wheal Scion.

For at Rock.

With Articles on the Price of Tin, Investment in Tin Mines, Advance
in the Copper Standard, &c.

East Wheal Lovell. West Caradon. East Wheal Seton. Don Pedro.

THE LONDON DAILY R. STOCK AND SHARE LIST. RECORD-

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Contains the latest closing prices of any share-list published; showing the rise and fall in railways, banks, foreign stocks, coloulal securities, American securities, foreign railways; telegraphic, insurance, steamship, and miscellaneous shares; Cornish and Welsh mines, foreign gold mines, &c.

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M R. E D W A R D C O O K E,
STOCK AND MINING SHAREDEALER, 76, OLD BROAD STREET
(and Mining Exchange), LONDON, E.C.
E. C. refers to his Remarks on Mines on p. 336.
Bankers: Alliance Bank.

MR. JAMES STOCKER, STOCK AND SHAREDEALER, 31, THREADMEEDLE STREET (and Mining Exchange), LONDON, E.C. Bankers: London and Westminster, Lothbury.

W . H . C U
No. 42, CORNHILL, LONDON, E.C.
Daily price-list on application.  $\mathbf{M}$ 

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MR. THOMAS ROSEWARNE, SHAREDEALER,
T. B. is now on a tour of inspection through Wales, where he intends visiting
the principal mines now commanding public attention, and upon his return to
town will be prepared to give sound practical advice to parties interested in
this class of investment.

Seeing the great fluctuations which have taken place in the price of Welsh
mines, and the immense amount of money consequently lost, speculators will
do well to consult T. R. before embarking their capital in mining undertakings.
T. R. has Businksels in all kinds of marketable stocks and shares at close
prices of the day.

Money advanced to a present the constant of the consultations and the consultations when the consultations are constant of the day.

e day. Money advanced to any extent on good mining shares. Office hours Ten to Four. Bankers: Bank of England.

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Assheton.
Bronfloyd.
Cardigan Bay Consols.
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Don Pedro.
Tankerville.
Crown Quarry.
Morben.
Cwmebol.
Apperley.

Crown Quarry. Morben. Cwmebol. Apperley. Shares in the above slate quarries are recommended as safe and profitable

investments.

CARDIGAN BAY CONSOLS.—This property is still progressing very satisfactorily, and next week will be fully reported upon by leading engineers of London, who are about visiting the mines. Many paying points are laid open, and the undertaking may now be looked upon as a success.

SOUTH CARDIGAN will also be inspected and reported upon.

FRANK LIMMER, Secretary.

MR. J. B. HAWKES, STOCK AND SHAREDEALER, 2. CROWN COURT, THREADNEEDLE STREET, E.C., TRANSACTS BUSINESS in all Stocks, Shares, and Miscellaneous Securities at close market prices. Reliable information furnished respecting the principal Welsh and Cornish Mines.

Mr. HAWKES has FOR SALE the following shares:

10 Assbeton, £8½.

25 Gt. Vor. £11 17s. 6d.

27 Pestarena, 25s. 6d.

28 Chontales, 22s. 3d.

28 Pestarena, 25s. 6d.

29 Van Consols, £3 12s 3 5 Chontales, 22s. 3d.

30 Wh. Grenville, 41s. 9d

60 Taquarii, ½ prem.

25 W. Tankerville, £2 129

MESSRS. J. HUME AND CO., STOCK AND SHAREDEALERS,

Tesses. J. Hume and Co., Stock and Share Dealers,

14, Old Broad Street, London, E.C., have Business in—
20 Tan-yr-Ailt.
20 Assheton.
20 Great Vor.
30 Penrhyn.
20 New Lovell.
30 Penrhyn.
20 New Lovell.
30 Penrhyn.
20 New Lovell.
30 Penrhyn.
20 West Maria.
20 Paclic.
20 Paclic.
20 West Tankerville, West Stiperstones, and Tankerville.
A BUYER of West Pant-y-Go, West Tankerville, West Stiperstones, and Tankerville.

A BUYER of West Pant-y-Go, West Tankerville, West Stiperstones, and Tankerville.

The "Investment Record and Mining Review" free to clients, or per post ed.

M. R. HENRY MANSELL, STOCK AND SHAREDEALER, 1, PINNER'S COURT, OLD BROAD STREET, LONDON.

EXCELSIOR TIN AND COPPER MINE.—Mr. HENRY MANSELL still recommends the purchase of these shares, as likely for a rise of some hundreds per cent. during the present year. Copies of Mr. J. H. Hitchins's recent report can be had on application to the above "address, where also specimens of the ore discovered, plans of the mine, &c., can be seen.

References exchanged.

Bankers: London Joint-Stock Bank.

C H A R L E S T H O M A S, MINING AGENT, AND GENERAL SHAREDEALER, 3, GREAT ST. HELEN'S, LONDON, E.C.

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M. R. T. E. W. THOMAS, STOCK AND SHAREDEALER, 3, GREAT WINCHESTER STREET BUILDINGS, E.C. Business operations in Mining Shares effected at close market rates. Mr. THOMAS intends visiting, early next week, the CARDIGAN BAY CONSOLS and other mines in the neighbourhood of Aberystwith, and upon his return will be glad to furnish any information in his power to holders and others who may be interested.

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Investors can make money, and for safety tney should be through us.

BUSINESS in the following shares at net prices:

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30 Anglo-Brasilian, 8s b 10 °Ch'v. Moor, £5 7s, 6d. 15 Great Rock, £7½.

30 Anglo-Brasilian, 8s b 10 °Ch'v. Moor, £5 7s, 6d. 15 Great Rock, £7½.

30 Candaralian United, 2 Devo Consols, £102.

42 17s, 6d. 2 Devo Consols, £102.

42 17s, 6d. 30 Caldbeck Fells, 26s 36d 125 Excelsior, 4s, 3d.

7 Great Laxey, £18½.

We advise the immediate purchase of the Terras Tin and Aberdaunant shares. These will go to a much higher price.

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J. H. C., having visited the Pen'Allt Mines is prepared to give information
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MR. THOMPSON Belgin communication with some of the most experienced miners in Wales, is in a position to afford reliable information to those seeking investments in the lead mines of the Principality.

The investing public should not forget the severe lesson taught by the late panic, that Stock Exchange prices by no means represent the intrinsic or permanent value of any property.

Mr. THOMPSON recommends the purchase of New Central Snailbeach shares, as this mine will become the most valuable property in the district; also of LLANIDLOES WHEAL VAN.

Advantage should be taken of the late fall in PACIFIC shares, which should be bought, together with Sweetland Greek.

Free on application a fow remarks on "Mining in the Lianidlees (Van) district," also on "The Science of Investments."

CAPTAIN ABS ALOM FRANCIS, and EVEYOR.

MINING AGENT, ENGINENT, and the many properties placed at the disposal of Capt. Absalom Francis, and the outless of Capt. Absalom Francis, and the many properties placed at the disposal of Capt. Absalom Francis, and the office of private shareholders.

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MR. EDWARD BREWIS, STOCK AND SHAREDEALER, No. 34, OLD BROAD STREET, LONDON, Ed. 1.

Business transacted for prempt cash, or if preferred for account, or a longer period if desired, trick," also on "The Science of Investments."

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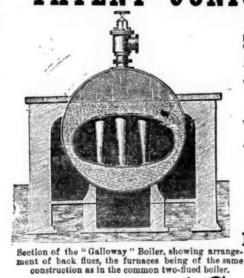
WORKS, STŔAND, LONDON, STREET ESSEX  $\mathbf{w}$ .  $\mathbf{c}$ .

Fig. 144.—Vertical Engine, all sizes, from 2 to 20-horse power.
Fig. 146.—Horizontal Engine, from 4 to 100-horse power.
Fig. 142.—Portable Engine, from 21 to 30-horse power.
Fig. 40.—Gwynne and Co.'s Combined Stationary Pumping Engine.
Fig. 139.—Turbine Water-wheel, from 1 to 300-horse power.

44.—Vertical Engine, all sizes, from 2 to 20-horse power.
46.—Horizontal Engine, from 4 to 100-horse power.
42.—Portable Engine, from 21 to 30-horse power.
40.—Gwynne and Co.'s Combined Stationary Pumping Engine.
40.—Gwynne and Co.'s Patent Syphon Drainage Machinery.
40.—Gwynne and Co.'s Patent Syphon Drainage Machinery.
41.—Water-wheel Pumping Machinery.
42.—Portable Engine, all sizes, obtained Prize Fig. 48.—Deep Mine Centrifugal Pumping Machinery.
43.—Water-wheel Pumping Machinery.
44.—Vertical Engine, all sizes, obtained Prize Fig. 48.—Deep Mine Centrifugal Pumping Machinery.
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46.—Drizontal Pumping Engine, all sizes, obtained Prize Fig. 48.—Deep Mine Centrifugal Pumping Engine.
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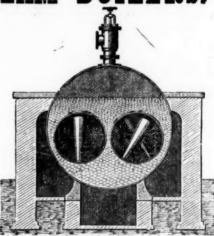
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Perfectly, and at the least pessible cost.

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Extract from article entitled "The Railway Problem," in the Times, 20th October, 1869. The Locomotive Superintendent swears against the bad roads that wear out the tyres and axie-boxes, and breaks the springs of his engines, so that it as much as he can do to keep the stock on the road at all."

TO RAILWAY COMPANIES AND ENGINEERS. TANNERS AND CURRIERS, LEATHER MILLBAND AND HOSE PIPE KNOWLES'S PATENT WROUGHT-IRON PERMANENT WAY.

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By this PERMANENT WAY all the evils enumerated above, with others contingent thereon, can be remedied. Timber sleepers are replaced by a rolled and curved plate of wrought-iron, grooved for the reception of wrought-iron jaws, which hold the rail instead of the present cast-iron chairs. Rods passing from one rail to the other maintain the gauge, and nuts on the ends of the rods lock the rails in their position. Where one rail meets the other longitudinally, the ends are fished by an extra length of jaw, making the joint perfectly sound and not harsh.

The ease with which ROLLING STOCK works over this road affords greater comfort to the passengers and is less destructive to the rails, tyres, and springs.

Its great simplicity is an additional advantage, and the form of the sleeper renders the operation of packing easy, while it being a practically permanent way, a minimum amount of expenditure will be incurred for repairs or renewals.

For FOREIGN RAILWAYS it is particularly valuable. There is a reduction of over 61 tons per mile in weight as compared with cast-iron roads, causing a corresponding saving in freight and carriage, and there is no loss from breakage.

The underside of the rail, not being in contact with the chair or sleeper, is preserved for turning when the other has been worn out. A piece of this road has been for some months past subjected to a heavy goods traffic at Stourbridge, and has fully established the foregoing facts. Detailed drawings and particulars can be obtained from Mr. BELLINGHAM, SOLE AGENT, No. 9, BUSH LANE, LONDON, E.C.

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THESE BOILERS ARE NOW WORKING SUCCESSFULLY IN ALL PARTS OF THE WORLD. One Firm in the North of England, who had a 50-horse power Boiler in 1868, has since purchased over twenty others.

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## AND COMPANY, LIMITED, ENGINEERS, LINCOLN.

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HAULING AND WINDING ENGINE,

PATENT DRUM WINDLASSES,

FOR MINING PURPOSES.

This Engine is specially commended to Mining Engineers and others, as

This Engine is specially commended to Mining Engineers and others, as by its adoption—
Haulage along inclined drifts is easily and cheaply effected.
The expense of sinking new shafts is greatly reduced, neither foundations nor engine-house being required.
It is available not only for winding, but for pumping, sawing, &c.—a great desideratum at a large colliery.
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AND THE IMPROVED BROWN CORVE OIL FOR COLLIERIES

BRAMALL SHEFFIELD. LANE,

## Oniginal Connespondence.

MINING IN NORTH WALES.

MINING IN NORTH WALES.

Mining operations in the various districts of North Wales are gradually but surely improving, and at several mines, which have hitherto been comparatively quiet, there is now something approaching to activity. About Holywell there is every appearance that more will be done there than has been the case for a considerable time past, as some of the recently-formed companies will be the means of giving life and vigour to those concerns which they have taken to, and in which that necessary desideratum, capital, alone has been wanting to develope the valuable minerals which they contain. The great success of the Van—the high figure at which the shares are quoted being a sore puzzle to many of the capitains and practical men—has no deutel de to a good deal of speculation in lead mines, and it may be, in many cases, to a considerable local property to be careful at to how they invest, for specious promises too often allure, only to deceive. Still, there is not the alightest doubt but there are large and valuable tracts of mineralised ground, as well as abandoned mines, which can and will be brought into working operation, and which will well repay those who are the means of developing the riches which are now buried in them.

Amongst those districts which are now showing signs of returning life may be mentioned that of Mold—formerly one of the most important centres of lead mining in the Principality—where there is not only just now more than the usual activity, but where some very extensive mines are about to be opened out, and which will give employment to a large number of workmen. The town of Mold itself, which has many advantages, with plenty of good coal well suited for engine purposes, now gives every promise of once more assuming the most of the most o

occurring in two of the seams, and which has, consequently, caused the firm to be unable to continue some of their contracts. The HAN. MER COLLIERY has also been nearly stopped, owing to the water having got under the seam. The BAGILLT COLLIERY COMPANY are doing remarkably well, and have a market for all the coal raised, and it is expected that a new winning will shortly be won to the dip, where the Five-yard and the Three-yard could. The former is a fine steam coal, and efforts have been made to get it on the Admiralty list.

The PRESTETYN COLLIERY, which, under the management of Mr. W. H. Gilderoy, was sunk at a very moderate cost indeed for the district in which it is situate, is doing very well. They have just got into the Yard and the Four-foct seams, the former having been proved to be a very superior house coal, whilst at the top of the Yard bed there is a thin seam of excellent gas Cannel. A line of rails is about to be put down from the plt to the Chester and Holyhead line, and as the output will shortly be very considerably increased, the colliery bids fair to turn out a highly profitable one. At the QUEENSFERRY COLLIERY a good business is being done, the firm having some large contracts in hand. The water has broken into the BROMFIELD HALL COLLIERY from the old workings, so that the raising of coal has been at pped. The boliers are being repaired, and a new lift is being put down.

In the Buckley district several of the collieries are opening out, so that before long a large increase in the output will be made. The BUCKLEY COMPANY are engaged in driving out the levels, and putting up new gearing. A line of rail-way from the colliery, on to the Wrexham, Mold, and Connah's Quay line, it is said maded that from 3000 to 4000 tons of coal will be raised weekly. At SOUTH BUCKLEY they are driving out, and waiting for the putting down of an engine The NORTHORPE COLLIERY company has been re-formed, and two new shafts are about to be commenced. A line of rails on to the Wrexham, Mold, and Connah's Quay Bailway

## THE AUSTRIAN ORE-CONCENTRATING MACHINE.

THE AUSTRIAN ORE-CONCENTRATING MACHINE.

SIR,—I have been informed that a very successful machine is in use in Austria for concentrating ores; and, being much interested in mines where it is important to concentrate the orea as much and as economically as possible, I should feel greatly obliged to any of your correspondents who would favour me with particulars of this apparatus, either through your columns or by letter addressed to me at 94, Ethelburga House, Bishopsgate-street Within.

April 22.

H. THOMPSON.

THE TEIGN VALLEY LEAD AND BARYTES MINING CO. SIR,—Having received several letters, enquiring if this mine can be inspected to the full extent of the adit level, which intersects the lodes, I beg to inform you that the air-pipes are now complete throughout the mine, and that every part of the Barytes and Lead Lodes can be viewed with perfect case and safety. St. Stephen's-street, Bristol, April 14. ROBERT GEORGE SMITH.

## GREAT LAXEY MINING COMPANY.

GREAT LAXEY MINING COMPANY,

SIR,—Many of my co-shareholders must have perused with equal satisfaction to myself the encouraging statement made by Mr. Dumbell in regard to the position and prospects of our property, as reported in your columns of last week. To me this is the more satisfactory, because I am one of those who (having conficence in our executive) stedfastly resisted the croakings of our chronic alarmist—who, if one may judge from that unhappy affirmation put forth in his pretentious pamphier, has so long pampered the baseless conception of Great Laxey being "a child of his own" that he has even tangist himself to regard it as a fact. The most conclusive reply, however, to this strange hallucination was that made by Mr. Dumbell, when he said that if such were the case nature must have been turned upside down to oblige Mr. Thomson, leasinuch as "the child of his own" was born long before the father. But my object in occupying your space is more especially to exhort those of my fellow-shareholders who hold their interest as a steady investment, and who wisely object to have their pre-

perty made the shuttleoock of the mining market, to in future allow all disparaging statements to fall as harmlessly as oll upon a duck's back, remembering that those who hold the largest stake in the concern are those who have the greatest interest in promoting its permanent prosperity. Let "deaf ears doubly deafened" be turned to silly rumours about "the Crown authorities refusing to renew the lease," and to the "rapid exhaustion of reserves," &c.—as a body, let us continue to uphold and support our able administrators in a manner which results have proved they most unquestionably merit.

Liverpool, April 20.

A SHAREHOLDER.

#### ST. AGNES MINING DISTRICT.

SIR.—A "Traveller" in the Supplement to last week's Journal, appears to have forgotten one mine in the district, and contained in the map referred to. I mean New Wheal Towan, going west of the once rich mine of Wheal Towan, the main lode of which runs through the sett. It is managed by a good and successful agent (Capt. Richard Pryor, who is the manager also of North Treskerby, Penhale United, St. Just Amalgamated, New Devon Consols, &c.) The prospects are good at the add it level, where a drift on the lode is in progress, or was lately. To make a fair trial of this mine steam-power must be applied. I believe that a former company sank a shaft 30 fathoms below the addt, beyond which little was done.

### SOUTH ST. JUST TIN MINE.

SUUTH SI, JUST TIN MINE.

SIR,—I am glad to see that this very promising property is about to be re worked, and that the new company have decided upon providing an ample capital for its development. I feel sure that under the present management i will be well supported, and that the shares, upon which there is no "liability," must very shortly command a good premium. I know the property well, and with the field of machinery at command, I do not see how this "bal" can fait to give to the fortunate adventurers a very liberal return upon the amount in vested, and I may add that those who succeed in obtaining an allotment will avoid the rather gailing pleasure of paying a premium for the stock.

Penzance, April 20.

TRIBUTER,

#### CUIABA GOLD MINING COMPANY,

CUIABA GOLD MINING COMPANY.

SIR.—Our attention has been directed to a letter purporting to be signed by one Edward Oxenford, which appeared as an advertisement, under the above heading, in your paper of the 16th inst. Mr. Oxenford, it appears, sets up some claim to the Cuiaba Mines, and we, therefore, to prevent misapprehension, deem it right to teil you, and through you your readers, that there is no pretence for any such claim being made to the property which is proposed to be acquired and worked by the Cuiaba Gold Mining Company (Limited).

The property referred to in such letter as belonging to the National Brazillan Mining Association is, in fact, a very small portion of the Cuiaba estate, and does not form any part of that which this company is acquiring. We may add that the property now to be acquired and worked by the Cuiaba Gold Mining Company (Limited) is the subject of a duly legalised notarial certificate, dated the 28th May, 1869, given by the second Notary Public of the City of Catchie (the original of which certificate is in our possession), wherein it is certified by such notary public that James Pennycuik Brown (through whom this company will derive their title) had produced the deeds. &c., relating to the mines, and that such documents proved that the said James Pennycuik Brown was the owner and possessor of nearly all the mining land, water-courses, and waters in the said district of Cuiaba.

Solicitors for the Cuiaba Gold Mining Company (Limited).

18, Clement's-lane, Lombard-street, E. C., April 22.

[For remainder of Original Correspondence, see this day's Supplement].

[For remainder of Original Correspondence, see this day's Supplement].

## Meetings of Mining Companies.

BRONFLOYD UNITED MINING COMPANY.

A quarterly general meeting of shareholders was held at the Guildhall Hotel, Gresham-street, on Monday,—Mr. HUTTON in the chair Mr. J. B. BALCOMBE (managing director) read the notice convening the meeting, and the minutes of the last were approved.

The accounts (as already published in the Journal) showed a profit of 890%, 3s. 2d. on the operations of the three months. The net credit balance was 1799%, 0s. 10d., including balance at bank and ore bill in hand. The mine, machinery, and reserves of ore not valued.

The report of the agent was read as follows:—

The report of the agent was read, as follows:-

In hand. The mine, machinery, and reserves of ore not valued.

The report of the agent was read, as follows:—

April 16.—No. 3 Shaft, North Lode: Since the last meeting the new plungerlift has been fixed from the bottom up to the 24 (late 52), which answers exceedingly well, and the casing and dividing of this shaft has been also extended from
the 45 (late 73), down so as to bring the machine-kibble to the bottom of the
mine, and a cross-cut has been opened north from shaft 4 fms. into the lode;
in the last 3 feet of this extension the lode has very much improved, the same
being composed of blue-slate, internized with nice strings of lead ore. We shall
continue on the cross-cut until we reach the north wail of the lode, and then
turn west on its course. I am fully satisfied we shall have a good lode here presently. This bargain is worked by six men, at 150s, per fathom. The wince
below the 45 (late 73) is for the present suspended, as stated in my report of the
6th inst. Six men are employed in stoping down the north part of the lode in
this same level, to the west of shaft; the lode is worth 35 cwts. of ore per cubic
fathom. We purpose to put in a stull in the back of this level next week. Two
men are driving the 45 end on the north part of the lode at 100s, per fathom;
the lode is producing a little ore. Twelve men are stoping the lode under the
34 (late 62) at 70s, per fathom; the lode is yielding 2 tons of ore per cubic fathom.
Six men are stoping the lode under the 24 (late 52); the lode is yielding about
11/4 ton of ore per cubic fathom. In cross-cutting the lode north from the 12
west (late 40) the part of the lode opened on in that direction is of the same
character as the part driven on by the main level, composed of soft bine slate,
intermixed with a little carbonate of lime; owing to the soft nature of the
ground the men are still employed in timbering the level.—No. I Shaft, Sonth
Lode: On Jan. 3 a courtact was seet to six men to cut a plat in the 10 (late 28)
ground for cistern bearers, put i

The CHAIRMAN moved that the report and accounts be received

The CHAIRMAN moved that the report and accounts be received and adopted. He stated that the profits realised during the quarter enabled the directors to declare the usual dividend, at the rate of 30 per cent. upon the paid-up capital.

Mr. BALCOMBE explained that the discovery referred to by Capt. Kemp had been made in the direction of some old workings, about 200 fathoms west of the present points of operation; a good lode had been found.

Mr. E. Cooke asked what distance the cross cut in the 73 fm. level was driven before the lode was reached?—Mr. BALCOMBE: The lode was cut on the northern side of the shaft in the 73, and at about 2½ fms. further north in the 84. The ore dips west; the underlie of the lode, which is 7 fms. wide, being north about 2 feet in a fathom.

Mr. PETER WATSON thought it was important that the extent of this new discovery should be further tested.—Mr. BALCOMBE regarded it as a point of importance to the future of the mine; but shareholders should be reminded that to develope it would necessarily entail an additional outlay—hence the question would naturally arise as to what way it could best be met.

After some discussion upon this point, the motion adopting the report and accounts, as well as the declaration of a dividend of 90%. (is. 6d. per share) being agreed to, it was unanimously resolved that the directors (Mesers. Hutton, Balcombe, Cooke, and Watson), or any three of them, be invited to visit the mine, with the view of arranging a plan whereby the discovery referred to in Capt. Kemp's report can be further explored.

A vote of thanks was passed to the managing director.

## PEN'ALLT SILVER-LEAD MINING COMPANY (LIMITED).

The first general meeting of shareholders was held at the offices, rosby House, on Wednesday,—Mr. Fothergill, C.E., in the chair. Mr. Ward (the secretary) read the notice convening the meeting.

The report of the agent was then read :-

The report of the agent was then read:

April 19.—Since the last general meeting No. 4 cross-cut has been driven 12 fms. 2 ft., which makes the whole length from its entrance 31 fms. 2 ft., it is impossible to say how soon the lode may be intersected, as we know by its underlie in the winze there cannot be much further to drive to accomplish this interesting object. The ground in the present end is intermixed with capels and branches of mundic.—No. 3 cross-cut: From the bottom of the winze we have cut into the lode about 4 fms., without inding the wall; for the first 6 ft. driven the lode is worth 20t. per fm.; the remainder is intermixed with sliver-lead ore, but not sufficient to value. We are still cutting north to ascertain the size of the lode.—No. 1 cross-cut: The lode is of unusual size and character, being 5 fms. wide, composed of mundic and sliver-lead ore; a correct estimate of its value cannot readily be given. The south part now opening by the lovel, 5 ft. wide, is worth 20t. per fathom. I recapitulate my opinion on former reports, that great success will attend the opening of this mine. The dam is completed, and the water raised a sufficient height from the base of the river for driving the crusher-wheel and dressing appliances. We shall finish taking out the rock for the foundation of the wheel in a few days.—T. GLANVILLE.

The CHAIRMAN said that, although by reason of an informality The CHAIRMAN said that, although by reason of an informality in the notice they could not legally transact any business at this meeting, he might mention that everything at the mine was progressing in a most satisfactory manner. The water-wheel, the construction of which he, as a practical engineer, had personally supervised, was provided on one side with power to drive a sone-breaker. He had put himself to a considerable amount of trouble in endeavouring to ascertain the best mode to dress the ore after it had been crushed; and during the last week he had had an opportunity of witnessing in practical operation a combination of the different patents. He (the Chairman) was assured by the manager that the quantity of ore which under the old system cost Son to dress, by these patented machines, which were worked by a water-wheel, and attended by children, could be dressed, and she

work much better done, for 15s., and the manager expected to reduce it to 10s. As to the mine, they hoped they would in a short time have to announce that the lode had be en struck—certainly the indications were all that could be desired.

Mr. BAWTREE had recently visited the mine, and during his visit he was informed that the managers of Snailbacab, Tankerville, and west Stiperstones had inspected Pen'Allt, and had spoken of it in the most favourable terms, holding out the greatest hopes that it would be equal to those Shropshire mines.

Mr. C. A. Pow BLL asked whether the whole of the shares had been taken up, and the amount of working capital in the hands of the directors?—The CHARFMAN said that the whole of the shares were taken up, and that there was something like 8000l. In the hands of the directors, which they fully believed would be more than ample to bring the mine into a permanently profitable condition. He added that the water-wheel was 45 ft. In diameter.

Mr. PENINGTON said that he accompanied the directors during their recent inspection of the mine. He might supplement the remarks of the Chalrman by stating that they were driving a deep cross-cut, which would strike the lode 30 fms. deeper than the point at which it was previously intersected. With the view of getting down in easy ground, a winse had been sukt 12 ft. from the lode, and at the depth of 30 ft. the lode came into the winze, gradually increasing in size, until the winze, so to speak, was carried entirely in the lode, clearly showing that the lode had either increased in size or that it had changed its underlie. In the ground towards the deep cross-cut the lode had altered its underlie of the interest of the contractive of the subscription of the subscription

be 30 to 40 ft. wide.

The CHAIRMAN reminded Mr. Pennington that he had omitted to mention that at the top of the mountain he had traced a lode cropping up to surface.

Mr. PENNINGTON said that at a distance of three-quarters of a mile from the present workings there was a lode which was canner to those previously sea, consequently favourable to make ore. He had personally had some of the ore tested—ore taken, of course, merely from the surface—and it was found to contain 4 per cent, of lead, and traces of silver. The lode could be traced for 80 feet on the surface.

After some further discussion, a vote of thanks was passed to the Chairman.

#### FOREIGN MINING AND METALLURGY.

FOREIGN MINING AND METALLURGY.

The last few days have not involved any material change in the Belgian iron trade. The lines of railway about to be carried out in Turkey in Europe have attracted the attention of English, Belgian, and French industrials to some extent, but hitherto no order has been given out for this enterprise. Several other important contracts are expected to present themselves shortly, but for the present everything remains in statu quo. Tenders were recently invited for 1950 tons of Bessemer cast-steel rails for the North Belgian Ballway, but no offers were made by any firm, the amount of the caution money required to be deposited being considered too much, while it had to be deposited with the Government for too long a term. The period of prescribed for the delivery of the rails in question was also considered too short, while the requirements of the specification were also Belgium in the first two months of this year to the extent of 89,257 and 34,155 nos in the corresponding period of 1858. The exports of rails from Belgium in the first two months of this year amounted to 13,414 tons, as compared with 60,364 tons in the corresponding period of 1869, and 11,526 tons in the corresponding period of 1869. The exports of rails from Belgium in the first two conditions are not seen to the corresponding period of 1869. The exports of rails from Belgium in the first state of 1860 tons; France, 137 tons; Turkey, 730 tons; the United States, 630 tons; the Low Countri's, 214 tons; Turkey, 730 tons; the United States, 630 tons; the Low Countri's, 214 tons; Turkey, 730 tons; the United States, 630 tons; the Low Countri's, 214 tons; Turkey, 730 tons; the United States, 630 tons; the Low Countri's, 214 tons; Turkey, 730 tons; the United States, 630 tons; the Low Countri's, 214 tons; Turkey, 730 tons; the United States, 630 tons; the Low Countri's, 214 tons; Turkey, 730 tons; the United States, 630 tons; the Low Countri's, 214 tons; Turkey, 730 tons; the United States, 630 tons; the Low Countri's, 214 to

held its annual meeting at Paris. The results of the past year's working, as detailed by the Council of Administration, appear to have been very satisfactory. The profits of the Mokta-el-Hadid Mine experienced a sensible increase last year, which was attended with a net revenue of 59,887%. Of this amount, however, the Council of Administration proposed to apply 26,100% to the repayment of various first establishment expenses. Of the bilance of 32,947%, the directors proposed that 1647% should be carried to the reserve fund, that 30,613% should be applied to the payment of statatory interest, at the rate of 5 per cent. per annum, with a supplementary dividend of 4s, per share, and that 887% should be carried forward to the credit of 1870. The whole of the expenses attending the constitution of the company have now been repaid, and the Bons irretestablishment expenses have been materially reduced. The collieries owned by the company are expected to be brought into working in the course of this year. The dividend paid upon the shares of the company for the past year is at the rate of about 6 per cent. per annum. Certain modifications in the statutes and constitution of the company have been agreed to. The Commentry Collieries Company, which owns also the forges and foundries of Fourchambuit, Monducon, Torteron, and La Pique will pay a dividend for the past year at the rate of 7 per cent. per annum.

Copper has been well sustained on the Harve market; a lot of 70 tons of Chilian in bars has changed hands at 68%, per ton, Paris conditions. At Marseilles, Toka has made 76%; Spanish, 68%; and Chilian and Peruvian, 75%, per ton. The German copper markets have been, upon the whole, extremely quiet. At Havre, Banca tin has made 134%; Straits, 132%; and English, to be delivered at Havre or Rouen, 130%, per ton. At Rotterdam tin has displayed an upward tendency; disposable Banca has made 76 fis., and English, Belgian, and German at 18%, 18s., per ton. At Marseilles rolled zinc has brought tendency in the metal in question.

MINING NOTABILIA.

## EXTRACTS FROM OUR MINING CORRESPONDENCE.]

VAN.—The directors have received advices as under:—In the new, or Edward's shaft, 194 fms, west of the present engine-shaft, we have reached the south side of the soft ground; it is intermized with good stones of lead. This looks very promising for cutting a rich lode here shortly. In the 45 cross-cut our progress is slow, being impeded by gas and water. We still have nice spots of lead in the ground. We may intersect the lode in about a week's time. The deep adit west, 120 fathoms west of the present engine-shaft, shows a very good lode; very strong water and gas. This, sgain, speaks well for Edward's shaft. The sale of ore on the 21st inst., 325 tons (four weeks' raisings), realised 4453.17s. 6d.

good lode; very atrong water and seed.

shaft. The sale of ore on the 21st inst., 325 tons (four weeks' raisings), realised

44531. 7s. 6d.

CABDIGAN BAY CONSOLS.—This mine now being dry in every part,
it is the intention of several of the largest shareholders to visit the property
next week, accompanied by some of the first authorities in the mining kingdom.

BLAEN CAELAN.—This property has recently been inspected by
Capt. Edward Williams (26 years manager of the Dyliffe Mines). Captain Willams states that, although the Geological Survey of Wales shows only one mail
lode, traversing from below Blaen Caelan, in a line with and to Dyliffe, yet at
Dyliffe, as in Blaen Caelan, there are three distinct and corresponding lodes,
and one of these carried copper down to about 40 fms. from surface. In former
years Capt. Williams personally dialled and traced these lodes west from Dyliffe
to Esgair-bir, the celebrated old mine which adjoins Blaen Caelan on the east,
and it is evident enough (says daptain Williams) that the survey is correct in
showing that the lode or lodes at Blaen Caelan, Esgair-bir, and Dyliffe are one
and the same. To get the mine into thorough working order, including the
sinking of a new shaft north of the north lode, and to cut the lode at 66 fms.
deep, will cost 2000L, after which the returns per month will be large, and the
mine will make large profits. Capt. Williams computes that after the mine is
well opened the returns will be considerably over 150 tons of lead ore per month.
He has not seen so good a mine as this at so shaliow a depth for very many
years, and even now Blaen Caelan, in his opinion, is worthy of being called the
"Cardiganshire Van."

BRONFLOYD.—A discovery, which may prove to be of vast import-

years, and even now Blaen Caelan, in his opinion, is worthy of being called the "Cardiganshire Van."

BRONFLOYD.—A discovery, which may prove to be of vast importance to this prosperous company, has within the last fortnight been made—by clearing up some workings of centuries back—of a new lode distant about 200 fathoms west of the wonderful deposit of lead ore it possesses—a lode upwards of 7 fms, wide, productive only for about 25 fms. in length, yet it is of so rich a character, and is manipulated with so much judgment, that it gives large profits, and the dividends to the fortunate proprietors are declared quarterly with the utmost regularity; and that, too, notwithstanding that a large amount in dead expenditure in shaft sinking, other exploratory trails, and increased machinery and appliances are continually going on.

TEIGN VALLEX.—This mine will shortly go to work, first to market the enormous quantity of white barytes at the adit level, and secondly to sink an entirely new engine-shaft about the center of the sett, and employ a 55 to 70-in, cylinder pumping engine, so as to command the whole set of about 640 fms. from end to end, as recommended by Capt. Cornish, of Frank Mills, who concludes, "You would thus have a most extensive and profitable field before you."

TERRAS TIN MINE.—Your prognostications, set forth in your valuable Journal for the last few months, that the would not only maintain its price (notwithstanding the great efforts of the "bears" to the contrary, but would this prospectus and notices in the Journal, setting forth this property as not only unquestionably safe, but likely to prove highly lucra-

tive to invest in; and being curious, as well as desirous, to know for myself in fair probabilities, the weather being favourable. I have indulged my relieving and have also thoroughly investigated the matter, and am glad, for the interest of mining, to state that in my opinion the property contains in tastel all the projects and the reports thereon claim for it. The works are being executed with a special and the reports thereon claim for it. The works are being executed with a special and the reports thereon claim for it. The works are being reverted with a special and the reports thereon claim for it. The works are being reverted with a special and the reports thereon claim for it. The works are being executed with a special and the reports and the reports the read my opinion to the claim of the read my opinion to the read my opinion of the read of the read my opinion of the read of the read of the read my opinion of the read of th

From Mr. Edward Cooke:—Owing to the Easter holidays the business in the Mining Market has been rather on a limited scale. Buyers, however, have predominated, and it is with difficulty their orders have been executed. The price of the having again advanced has caused a good demand for shares in the mines, and a considerable rise in their price has taken place. The usual speculation has been going on in East Lovella shares. The mine continues very rich, with every prospect of continuing good dividends. An improvement is reported to have taken place in West Great Work Mise, Anyone inclined to rick a little money may do much worse with it than to buy a few shares in this very promising tim mine. They are very low just now, and, in my opinion, offer a margin for a great rise in price. The sale of lead from the Van Mine for the last month realised 400%, being the highest price ever obtained. Besides this, the usual quantity of blende has been dressed. The cross-cut in the 45 fm. level has not reached the ore-bearing part of the lode. There are, however, strong indications of its being equality as productive as the level above. The shares have been in good demand at enhanced prices.

Next in rank to the Van Mine is unquestionably Tankernytize. The latest report states that the lode in the 92 fm. level continues as rich as ever, producing over 30 tons of lead per fathom. It may well be termed a grand lode, for, as I have before stated, it is without a parallel. The small engine that is to be placed underground is on the mine. This will be at work in the course of a few weeks, when (the manager states) 150 tons of lead per month will be raised at about the same cost as 100 tons are now being raised. I presume the profits on 150 tons will exceed 1000%, per month. This will be an earness of what the mine is capable of returning when the additional steam-power is applied. The shares have fluctuated in price during the week. Although one of the largest holders in this splend in mines are all taken, and many the profits of a

## FOREIGN MINES.

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SAO VICENTE.—Feb.: Jacotinga Formation: In the past month of 2 cross-cut has been driven 4 fms. 2 fc., and properly secured with timber. SAO VICENTE.—Feb.: Jacotinga Formation: In the past monta No. 3 cross-cut has been driven 4 fms. 2 ft., and properly secured with timber. We have intersected several lines of jacotingo in this end during the month, but the samples have not shown gold. Sinth's cross-cut has been extended 9 ft. In this level we have passed through a bard bar of cauga and sandstone mixed; the end is now more favourable for progress. No. 4 cross-cut, south side of the mountain, has been driven 4 fms. 3 ft. I cannot report any change in the end; it consists of small lines of jacotinga, with clay and sand intermixed. No. 5 has been extendend 5 fathours. The strata here is of clay and iron, with ocasionally a little sandstone and quarts.—First Division of March: All operations in the jacotings formation at Capanemma are progressing with regularity, but I am sorry that it is not yet in my power to report the discovery of gold. We are very careful in taking samples from each level daily, and washing them in the canoa. SWEETLAND CREEK (Gold).—The following telegram has been

received from the Bank of California:—" Deeds to Sweetland Creek A (Limited) recorded. Maclean in possession. Money paid. When clamade, full accounts will go forward." The company have also received ad that the net return for 43 days, the total number of days worked this year.

over 2900I.

TAQUABIL.—In the report for February it is stated the erection of pumping machinery is being prosecuted with all the means at command. It is progressing apace, and every nerre will be strained to have the same in working order by the end of April. In the neighbourhood of the old workings good

# Gematite Iron Company

To be incorporated under the Limited Liability Act.

CAPITAL £100,000, IN 1000 SHARES OF £100 EACH

(With power to increase to £150,000 if necessary.) A deposit of £10 per share to be paid on allotment. Subsequent calls at intervals of not less than two months, to the extent of seven-tenths of the entire capital—the remaining portion to form a reserve.

DIRECTORS.
The Chevalier HARRY CLENCH, K.G.S., K.S.I., K.G.C., &c., &c., Norwich. Lieut. Col. H. RIGG, Cross Rigg Hall, Penrith. FRANCIS PARKER, Esq., Acorn Bank, Penrith. JOHN BEATSON, Esq., Iron Merchant, Sheffield, E. TALBOT, Esq.—MANAGING DIRECTOR.

BANKERS-THE LANCASTER BANKING COMPANY.

SOLICITORS—LAWRENCE HOLDEN, Esq., Lancaster.
Messrs, HANCOCK, SAUNDERS, AND HAWKSFORD, 36, Carey-steet, Lincoln's Inn, London.

AUDITOR-H. C. BELOE, Esq., Liverpool, SHAREBROKERS.

Messrs. H. BAZETT JONES AND SONS, Preston.

Messrs. RIDSDALE AND WAILES, Albion-street, Leeds.

Messrs. WOLFENDEN AND GELL, Corporation-street, Manchester.

Messrs. RIDSDALE AND WAILES, Albion-street, Leeds.

JARVIS W. BARBER, Esq., 40, Queen-street, Sheffield.

SECRETARY AND ACCOUNTANT—MARDON THOMAS, Esq.

The object in establishing this company is for the purpose of erecting furnaces and smelting the richer ores of Ireland in combination with the hematite ores of the Furness district. The annual produce of the latter cannot be less than 900,000 tons per annum, a large portion of which is sent out of the district, lastead of being consumed therein, which can now be done with advantage and

instead of being consumed therein, which can now be done with advantage and profit.

A site for the works has been selected in the vicinity of Piel (adjacent to the Iron ore pits, and near to the large establishment of the Barrow Hematite Steet Company), which offers every facility for the successful development of the enterprise. The close proximity of the shipping port and extensive docks of Barrow, together with the harbour of Piel, will enable pig-iron to be dispatched, and the Irish ores to be received, with advantage to the concern.

Provision will be made in the Articles of Association by which mining property in the district, and other suitable localities, may be worked by the company. Leases of hematite property, embracing some hundreds of acres, in the Furness and other districts, are now under consideration, with a view to their being transferred to this company on advantageous terms.

A considerable portion of the capital has already been subscribed, and arrangements have been made with a gentleman (who will act as managing director), possessing long and valuable experience, by which every security will be afforded that the capital will be carefully and judiclously expended, and the subsequent working operations be conducted with caution and economy.

The company will be duly incorporated under the Limited Liability Act, by which every shareholder is responsible only for the amount of his shares. It is proposed to place the capital at £100,000, in shares of £100 each; to call up (eay) £70,000 (in periodical payments, as may be required), and allow the remainder to form a reserve capital.

The cost of erection of three modern-built furnaces, with all requisite appendages, purchase of land, &c., will be £50,000, thus leaving of the called-up capital £20,000 as a working fund.

The cost of making iron will be about £2 12s. 6d. per ton, and the selling price

is now £3 per ton at existing works; so that upon a weekly output of (say) 1200 tons on the average (that is, after allowing for the variations of the Iron Market), from three furnaces, good profits will accrue to the proprietors, equivalent to a return, on the average, of 15 per cent. per annum. The Furness Railway Company, whose main line passes the intended site, have kindly intimated their wish to render all possible assistance to the proling of the property of the prop

have kindly intimated their wish to render all possible assistance to the projected company.

The market for hematite pig-iron is now on the advance, and as it is the only class of iron employed in the Bessemer system, it is fully evident that a constant demand must exist, and continue to increase, for there can be no doubt, now that the Bessemer royalty bas terminated, a great impetus will be given to this special branch of manufacture; its future requirements, therefore, will be very considerable, and as the production of hematite pig-iron must necessarily be restricted, it will be seen that a good and permanent prospect of success awaits this important section of the iron trade.

Applications for share will also be received by the solicitors of the company, LAWRENCE HOLDEN, Esq., Lancaster; and Messrs. HANCOCK, SAUNDERS, and HAWRESFORD, 36, Carey-street, Lincoln's Inn, London, from whom prospectuses can be obtained.

FORM OF APPLICATION FOR SHARES.

FORM OF APPLICATION FOR SHARES.

To the directors of the Piel Hematite Iron Company (Limited).

GENTLEMEN,—I request that you will allot me shares in the above company, and on receipt of notice of such allotment, I will pay to the bankers of the company &10 per share as deposit; and I undertake to pay any future calls a they may become due. I further request that you will place my name on the Register of Members for the shares so allotted.

I am, Gentlemen,

Name.

Residence.

Occupation

# South St. Just Tin Mining Company (LIMITED),

CAPITAL £10,000, IN 5000 SHARES OF £2 EACH.

To be fully paid up. No further liability.

DIRECTORS.

The Hon. AUGUSTUS JOCELYN, Army and Navy Club, Pall Mall.
WILLIAM FREDERICK TRITTON, Esq., 20, Nicholas-lane, E.C. (East India Merchant).

Colonel PAGET, Farnham, Surrey. GEORGE BURSLEM, Esq., Whitehall-yard, S.W. WILLIAM ANGWIN, Esq., St. Just, Cornwall (Local Purser).

BANKERS-LONDON AND SOUTH-WESTERN BANK, 29, Lombard-street, E.C.

CONSULTING ENGINEER-GEORGE HENWOOD, Esq., M.E.

SECRETARY-Mr. FRAS. H. HEARN.

OFFICES,-225, GRESHAM HOUSE, OLD BROAD STREET, LONDON, E.C.

ALAMILLOS.—April 13: In the 5th level, driving east from San

IMPERIAL OFTOMAN.—The directors have letters from Constantinople announcing the safe arrivar.—The directors have letters from Constantinople announcing the safe arrivar.—The directors have letters from Constantinople announcing the safe arrivar and the ground hard. The look is now the combetted upon the completion of the machinery now in consequence of the constantinople announcing the safe and the safe a

The South African Gold Fields Exploration Company (Limited) have eccived by mail information from Mr. Thomas Baines, F.R.G.S., the leader of heir expedition, that, by advice of Mr. Nelson, the geologist, he has laid out a laim to an auriferous tract of country in latitude 18° 10" S. on behalf of the company.

[For remainder of Foreign Mines, see to-day's Supplement.]

THE NILE PEN.—The freedom and smoothness of a well-cut quill pen was so closely imitated in the Owi, Waverley, and Pickwick pens, that it might fairly have been supposed that they could not be surpassed, but Messra. Maculven and Cameron, of Ediburgh, by the introduction of the "Nile," have ergalily exceeded their former efforts. The turned up points and the turned flown points appeared to be almost equally excellent, but the "Nile," which is an ingentious combination of the two, is considerably better than either.

Died,-It is with regret we announce the death of Captain JAMES Hoselind, who was born in the parish of Gwennap, Cornwall, in 1803. He has had 64 years experience, 26 of which as an underground miner, and 28 as a mine captain in Norway, Central America, Ireland, Cornwall, and Wales, and for the last nine years has been an agent to the Dyliffe Mining Company, North Wales, ile died on April 18, at Machynlieth, where had resided for the last 18 years. He was well known as a mine captain, and a man that possessed great judgment in mining matters, and was most highly respected by all who knew him. He has left a widow and nine children to mourn his loss.

HOLLOWAY'S PILLS.—Many persons are apt to regard the winter pas when a few bright days enliven them, and some are rash enough to change warm for lighter clothing; much risk attends their imprudence, though the inevitable ill-health resulting from it can be readily set right by recourse to these purifying and corrective pills, invaluable to the sickly at all times, and doubly neefful at this season, when they case out the impurities of winter, and forcity the system against the sudden variations and frequent epidemics of spring. The process and thus rids to of the irritation and harshness which increasing tempettires makes annoying to the nervous and sensitive.

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guarantee for the present, and the prospects of the mines as they are being opened out warrant the assumption of a long-continued course of prosperity for the future.

The setts are very extensive, and have been granted at the unusually low royalty or dues of 1-24th for the term of 21 years, on the mining conditions generally adopted in Cornwall.

Their geological position cannot be surpassed, being in beautiful congenial strata for tin and copper ores, precisely the same as in the above-quoted mines—in the granten near the junction with the killas.

Ten rich tin lodes, as well as cross-courses (known in the locality as guides), pass through this mineralised piece of ground, and have proved productive where wrought on; the deepest exploration is 20 fathoms below adit, a sea-level where wrought on; the deepest exploration is 20 fathoms below adit, a sea-level where wrought on; the deepest exploration is 20 fathoms below adit, a sea-level mit the prosecution, and large quantities of the ore raised and sold therefrom, proving that immense reserves of valuable tin ore exist below, which may be worked at extraordinary profits.

It is the decided opinion of all competent judges that when this mine shall have been re-set to work with spirit, economy, and proper supervision it will soon become a standard dividend property.

The reason operations on the mine were discontinued was simply the utter impossibility of raising sufficient capital to carry on the works during the late panic, although it was yielding ore sufficient to pay a considerable portion of its monthly cost, despite the then unprecedentedly depressed price of black tin, £30 per ton lower than at present. It seems now, however, a fact proven that the price will never again be subject to such vicissitudes, as foreign produce cannot be imported under present fair rates.

On the mine are all kinds of efficient machinery, a catalogue of which is appended. It will, therefore, be at once seen that tin ore may be sent into the market forthwith, and that in a brie

nerative.

An agreement, dated the 26th day of March, 1870, has been entered into for the purchase of the vendors' rights, together with the costly machinery intact, for the sum of £5006—£2309 to be paid in cash, and £2500 by the issue of 1250 shares in the capital of the company. The directors feel assured by entering into this arrangement they save years of time,\* and thousands of pounds sterling in outlay. These advantages render the South St. Just Tin Mining Company one of the most genuine and favourable opportunities for investment ever brought under the notice of the public, and it is computed that £5000 will be all rought under the notice of the public, and it is combined that show with dealine and the capital necessary to conder this property a first-class permanent tim line.

Prospectuses, with forms of application for shares, may be obtained at the ankers or offices of the company. the capital nec

\* It is an axiom in mining, that " Time is money."

SCHEDULE OF MACHINERY AND MATERIALS ON SOUTH ST. JUST MINE.

SCHEDULE OF MACHINERY AND MATERIALS ON SOUTH SI.

One water wheel (iron), 24 ft. diameter 3 ft. breast, with cast iron stamps; axie for 8 heads, lifters, cams, &c., complete; I water wheel (wood), 24 ft. diameter 3 ft. breast, with cast iron stamps; axie for 8 heads, lifters, cams, &c., complete; I water wheel (wood), 8 ft. diameter 2 ft. breast, on tin floors; I round buddle (Borlase's patent); wood sheds; 4 tin dressing frames, kleves, barrows, tin dressing tools in great variety; strips and launders, &c., &c.; 39 fms. 3 ft. launders; 30 fms. 6 in. disto; 37 fms. 1½ in. round iron rods, with pulleys and stands; balance bob; 15 fms. bucket rods; 15 fms. 54 in. pumps; working barrel; clack door piece; windbore, &c., complete; 50 fms. tram roads; tram wagon; 40 fms. skip roads; 4 skips; 3 horse wilnis and shat tackles; 56 fms. whise rope; 50 fms. ladders.—Wood Carpenters' Shop; Bench, chest, new and old timber; 2 barrows; 2 winze trees; 3 winze kibbles.—Smiths' Shop; 36 in. beliows, anvil, grindstone; smiths' and miner' tools; new and old fron and steel; miners' toels; &c., 5 dozon shovel and pick hilts; 12 steel pointed shovels; cast steel hammers; hatchets; hand saws; with a good well furnished counting house, powder house, and sundry other mining requisites.

machinery, and being of water power, can be worked at an easy cost.

J. CARTHEW, Late Manager.

St. Just, May 22, 1868.—I consider the present position of the South St. Just Mine most promising for future operations. I was agent there for some years, and from the appearance of the lodes I have no doubt but that a small additional outlay will open up a valuable mine. There are several east and west lodes, only three of which did wo work. There is also a large guide, running about north and south, intersecting all the other lodes. A shaft on this lode we put down from the surface about 39 fms., being 21 fms. below the deep adit level. We extended at the adit level on one of the east and west lodes from the guide shaft to fms. east in good tin ground; we had this lode in the 10 fm. level very productive, and have it now holding down in a winze below this level. If this winze were brought down 5 fms, and communication made from the bottom of the shaft, I believe a good run of paying ground would be opened up. It can be stoped for about £2 per fm., and is worth on an average £9 per fm. At the 10 fm. level, west of the shaft, we cut into another lode, from which we broke some exceedingly rich tinstuff. At the adit level this lode is 18 in. wide, and the last tinstuff sampled was worth 4s. (now worth nearly double) per sack of 14 gallons. I consider that by extending from the bottom of the shaft east to get under the winze, and west to intersect the new lode, you will lay open a great quantity of tin ground which will pay well to develope. The Ding Dong adit level is within a few fathoms of where (reportsays) large quantities of rich tinstuff were raised at shallow workings. I think that in from three to four months you would obtain important results.

Quantity of tin sold to 55th May, 1866, 16 tons 8 cts. 1 lb., realising £979 0s. 6d.

Quantity of tin sold to 25th May, 1866, 16 tous 8 cts. 1 lb., realising £979 0s. 6d. Lords dues, 1-24th for tin; 1-20th for copper.

March, 1870.—In reply to your favour I beg to say that I was greatly surprised on my return from India to learn that the South St. Just Mine was not at work. On enquiry, I find that the terrible panic, and, consequently, the low price of tin, had been the causes, as I felt assured the poverty of the mine could not be the reason. On looking over my papers I find the report of my examination of the ground in 1882. If it be of any service to you pray use it; I cannot either add to or diminish the opinions therein expressed, GEORGE HENWOOD.

Report of the South St. Just Consols Mines, in the parish of St. Just, Cornwall, by George Henwood, Esq., M. E.

meter 8 ft. breast, with cast from stamps; axie for 8 heads, lifters, cams, &c., complete; I water wheel (wood), 8 ft. diameter 2 ft. breast, on tin floors; I round buddle (Borlase's patent); wood sheds; 4 th dressing frames, kieves, barrows, the dressing tools in great variety; strips and launders, &c., &c.; 20 fms. 8 ft. diameter 2 ft. breast, &c., &c.; 20 fms. 8 ft. diameter; strips and launders, &c., &c.; 20 fms. 8 ft. diameter; strips and launders, &c., &c.; 20 fms. 8 ft. diameter; strips and launders, &c., &c.; 20 fms. 8 ft. diameter; strips and launders, &c., &c.; 20 fms. 8 ft. diameter; strips and launders, &c., &c.; 20 fms. 8 ft. diameter; strips and launders, &c., &c.; 20 fms. 8 ft. diameter; strips and launders, &c., &c.; 20 fms. strips and launders, &c.; 20 fms. strips and launders, &c.; 20 fms. strips and launders, &c., &c.; 20 fms. strips and launders, &c.; 20 fms. strips and launders, &c., &c.; 20 fms. strips and launders, &c.; 20 fms. strips and launders, &c., &c.; 20 fms. strips and launders, &c., &c.; 20 fms. strips and launders, &c.; 20 fms. strips and launders, &c.; 20 fms.

# The Phoenix Silven-Lead and Blende

MINING COMPANY (LIMITED).

Incorporated under the Companies Acts, 1862 and 1867, by which the liability is limited to the amount subscribed for by each member.

CAPITAL £30,000, IN 15,000 SHARES OF £2 EACH.

Deposit 5s. on application, 5s. on allotment, and the remainder in calls not exceeding 5s. each, and at intervals of not less than three months.

This property is held in perpetuity direct from the Crown of Prussia, subject to a royalty of one-fiftieth only. BANKERS-CITY BANK, Threadneedle-street, London.

BROKER-JOHN GEORGE COOKE, Esq , 11, Throgmorton-street, E.C.

SECRETARY-Mr. W. F. RICHARDS. OFFICES,-5, GREAT WINCHESTER STREET BUILDINGS, LONDON, E.C.

This company is formed for the purpose of purchasing and extending the workings of the rich silver-lead and blende mines, known as the "Phœnix Mines," which include an area of 2,000,000 square lachters, being about 2000 fathoms on the course of the lodes, in Rhenish Prussla, about 12 miles from Gologne; the lodes are parallel to those of the mines of Ludrich, now and for many years worked at large profits by the Vieille Montagne Company, and are similarly situated in the clay or Devonlan slate, with courses of grauwacke, as in these mines.

The Phœnix Mine has recently not only been self-supporting, but out of the profits the greater part of the present plant, consisting of three steam-engines—one for pumping, the second for drawing, and the third for dressing the ores—with all necessary buildings, reservoirs, and appliances have been erected and appliances are fully adequate to the developing and working the mines on a tea'e to return very large profits.

This mine is so far laid open as to be in a position to pay, with judicious management, a profit exceeding £2500 per annum, or about 10 per cent, on the eastern side of the cross-course; but extensive ancient surface workings, and the brief discovery of a lode in that direction, carrying large scones of lead, leave no the discovery of a lode in that direction, carrying large scones of lead, leave no the discovery of a lode in that direction, carrying large scones of lead, leave no the discovery of a lode in that direction, carrying large scones of lead, leave no the discovery of a lode in that direction, carrying large scones of lead, leave no the discovery of a lode in that direction, carrying large scones of lead, leave no the discovery of a lode in that direction, carrying large scones of lead, leave no the discovery of a lode in that direction, carrying large scones of lead, leave no the discovery of a lode in that direction, carrying large scones of the discovery of a lode in that direction, carrying large scones of lead, leave no the discovery of a lode

# The Abendovey Mines Company

Incorporated March, 1870, under the Companies Acts, 1862 and 1867, by which the liability of each shareholder is limited to the amount of his subscription.

CAPITAL £20,000, IN 20,000 SHARES OF £1 EACH.

Payable, 10s. on application, and 10s. on allotment.

Under the provisions of the Articles of Association of this company, shareholders can receive Share Warrants to bearer, issued under the provisions of the Companies Act, 1867, which may be passed from hand to hand like a bank-note, and by which all the trouble, expense, and delay of making, stamping, and registering transfers is avoided.

REGISTERED OFFICE, 37, SOUTH CASTLE STREET, LIVERPOOL. DIRECTORS.

F. J. BROWN, Esq., St. Asaph.

THOMAS CARTWRIGHT, Esq., Bridge-street, Chester.

The Chevalier HARRY CLENCH, K.G.S., K.G.C., K.L.H., K.S.J., &c., Norwich. HENRY DOBSON, Esq., Liverpool.

J. W. KELLY, Esq. (Messrs. Horn and Kelly), Liverpool.

G. J. WRIGHT, Esq., Chorlton-on-Medlock, Manchester.

BANKERS-ALLIANCE BANK (LIMITED), Liverpool.

SECRETARY-Mr. ROBERT JOHNSON, 37, South Castle-street, Liverpool. BROKERS-Messrs. LISCOMBE and Co., Liverpool.

ERGERES AUGUSTS, 37, SOUTH Cattle-street, Liverpool,

Fine company has been formed for the purpose of purchasing and working the well-known catenaive leasebold property known as the Aberdovey Lead Mines, but the level, a most opinion that the winze sinking from the level above, now well-known contention to the principality, from which, during the last few years, so many enormous for the Principality, from which, during the last few years, so many enormous for the Principality, from which, during the last few years, so many enormous for the Principality, from which, during the last few years, so many enormous for the Principality, from which, during the last few years, so many enormous for the principality, from which, during the last few years, so many enormous for the principality, from which, during the last few years, so many enormous for the principality, from which, during the last few years, so many enormous for the principality, from which, and the principality of the principality, from which, and the principality of the pr

which considerable profits were realised.
The following reports from eminent mining engineers, especially conversant with the lead mining districts of North and Central Wales, speak sufficiently of the value and present position of the Aberdovey Mines, which have been acquired by the present company for the extremely moderate consideration of £12,000, £8000 of which is to be paid in cash, and £6000 in fully paid up shares of the company, by virtue of an agreement dated April 1, 1870, between Francis Thomas of the one part, and the Aberdovey Mines Company (Limited) of the other part.

From Capt. SAMPSON TREVETHAN, Sen., formerly principal mine agent under Messrs. John Taylor and Sons, and manager of the Goginan Mine during the period of its great richness.

during the period of its great richness.

I have carefully inspected the above mine, and beg to hand you the following particulars:—This mine is situated within 3 miles north of Aberdovey, a good shipping port, and a railroad is also within a mile from the sett, where materials of all descriptions, with lead ore, &c., can be conveyed from 3s, to 4s, per ton. This mine has been laid open to a depth of 42 fathoms under the adit level, which is about 55 fathoms from surface; the run of this lode is about 20° cast of south and west of north, with an underlay of 2 feet in a fathom north, and will average 2 feet in width, composed principally of a clay-slate, blende, quartz, and lead ore. At the 42 fathom level a cross-cut has been driven north of the large slide that traverses the mine was met with, which is about 2 fms. wide, this had a tendency to heave the lode from its right bearing, and to much disorder it for several fathoms in extent; the lode had been driven on about 10 fathoms after passing through the alide, where it is very large, with a slight of the lower passing through the alide, where it is very large, with a slight mixture of lead ore; but, as there is a large portion of the lode still standing

Machynlieth, Dec. 4, 1862.

Machynlieth, Dec. 4, 1862.

Machynlieth, Dec. 4, 1862.

From Capt. Aaron Ede. 8, some time resident agent at the Aberdovey Mines, whose report abows the exact position of the mine when last working. For the last three months our workings have been chiefly directed to sinking the winze under the 32 fm. level, north of the cross-course, which I expect to get through this ment to the 42. It is now down 8 fathoms; for the first 5 fathoms we had a good lode, averaging from 15 cwts. to a ton of lead ore per fathom. The lode still maintains its size, but falls in quality, producing a little lead, but not sufficient to value. The winze is sinking by four men, and two rising from the 42 st. 8:1 per fathom; when we get through we can set two stopes in the winze, and send down and tram the souff through the 42, when we have a good road. This can be done cheaper than stoping the "or ground" under hand, and drawing it to the 32. The two men I mentioned that are now rising, I had them last month diving in the 42, trying for the south lode, but nothing as yet has been discovered. As soon as the winze is through I should recommend a little further trial to be made here, as I think by the appearance at present we shall shortly have the lode. You are aware our main lode is running from 20° to 30° cast of south and west of north, and for a tuture working I should recommend the 42 to be driven south, and the 22 north. The 12 is in advance 25 fathoms of the 22, and in driving this we pass through some branches of ore, but the ground being disordered in this level, much ore could not be expected. We have discovered at the weat end of your set a very strong and kindly lode, chiefly composed of quarts, with particles of gold, lead, copper, and jack. A sample I have set you by Mr. Davies, trusting you will not fail in having it assayed. We have opened a few pits on it. So far as I can see it is running aged at and week, and for the exploring it I should advise a level to be driven on the course of the lode,

From Mr. JOHN JEMEINS, miner, of Corris, near Machynlieth, who worked in the Aberdovey Lead Mines for many years.

I went to work upwards of 20 years ago to the Aberdovey Mines, and know the mines well. There is an engine-shaft, which was sunk first of all for 20 yards, and a level driven therefrom for about 50 yards cach side. From here to the 12 fm. lovel was all pure ore ground, as was also from the 12 fm. level to daylight all ore ground. It was afterwards sunk 20 yards deeper—that is, from the 22 to the 32 fm. level—all of which was good and productive ore ground. It was afterwards sunk 20 yards deeper—that is, from the 22 to the 32 fm. level—all of which was good and productive ore ground. It was afterwards sunk 20 yards deeper). This was also ore ground, and is not yet worded out. My confirmed op nion is that the mine is more valuable to-day than ever, and if properly developed will produce profits to the shareholders second to no other mine in the district.

December 16, 1869.

## Mining Gorrespondenge.

BRITISH MINES.

BRITISH MINES.

ABERDAUNANT.—J. Roberts, April 21: In the end driving from the winze below the 10, we have left the lead to stand this week in order to drive across towfrost the No. 2 addit end as fast as post and change in leavaine. I am provided the No. 2 addit end as fast as post in any change in leavaine. I am provided the No. 2 addit end as fast as post in the new that the No. 2 addit end as fast as post in the new that the No. 2 addit end as fast as post in the new that the No. 2 addit end as fast as post in the new that the No. 2 addit end as fast as post in the new that the No. 2 addit end as fast as post in the No. 2 addit end as a roy kindly back, and inguished the No. 2 addition of the No. 3 addition of the No. 2 addition of the No. 3 pich of the No. 3 addition of the No. 3 pich is worth of water of the No. 3 addition of the No. 3 addi

in the conse-cit morth is composed of siff clay-clate, spar, and branches of may change whatever since my last, still producing 48 cwts. of silver-lead ore prefathom for lead ore. The crushing machinery is being proceeded with as fast as possible.

CRENYER AND WHEAL ABRAHAM UNITED.—W. Kitto, April 18: We are getting on very well in forking out the water.—Wilson's English e-halt: The 17-in, plunger is fixed and working first rate in the 150, and we shall fork the water first of ms. below with the 601 8-in. drawing-backet, we shall then draw up this first below with the 601 8-in. drawing-backet, we shall then draw up this first below with the 601 8-in. drawing-backet, we shall then draw up this the 17-in. pole, as we have taken in a large stream of water at this point. We expect the water will be drained to the 160 by the end of this month.—Middle Engline-shaft: The water is drained 6 ft. below the 150, and last night we expect the water will be drained to the 160 by the end of this month.—Middle Engline-shaft: The water is drained 6 ft. below the 150, and last night we lived dry. We shall finish putting down the skip-road at Blewett's shaft to the 160 by the control of the shall be drained to the control of the shall be control of the middle engine are in their places, and the masonwork nearly completed; they will be put in working order in another week, after which we shall begin to build a dry for the mento change their clothes in. In the 130 end, driving east of Craw's shaft, the lode is from 2 to 3 ft. wide, preducing good stones of copper one. We expect an interir place of the shall be control of the same level, west of the shaft, we are driving what the slote is small and unproducive. In the 70 end, driving west of Gard's shaft, we lead to the lode. The lode in the stope in the bottom of the sa

EAST CARN BREA.—John Bodda, April 21: Thomas's engine-shaft, on No. i iode, is down about a funs, below the 100, and is in regular course of sinking by nine men, at 25t. per fathom; the lode for the first 5t/2 fms. produced good saving work for tin, and in the last 9 ft. sunk the lode has very much improved, being fully 3 ft. wide, worth 20. per fathom for tin, and producing good stones of copper ore. The lode in the 100 cast is 3t/2 ft. wide, of a very promising character, worth 7t. per fathom for tin; driving by four men, at 10t. per fathom. In this level west the lode is 18 in. wide, producing saving work for copper and tin ores; driving by two men, at 8t. Per fathom.—No. 5 Lode: The lode in the 30, west of Buckley's shaft, is 2 ft. wide, worth 3 tons of copper ore, or 12t. per fathom; driving by four men, at 8t. 10s. per fathom. In this level east, and east of the cross-course, the lode is 2 ft. wide, and looking healthy, blevel east, and east of the cross-course, the lode is 2 ft. wide, and looking healthy, blevel east, and per fathom; driving by four men, at 3t. 15s. per fathom. About 4 fms. were in the cross-course, in this (the 80) level, a winze has been sunk 15 ft., in which is lode is worth 2 tons of copper ore per fathom; but, owing to the water being below Buckley's shaft, and looking at the encouraging prospects therein, inconcition with the productive and profitable lode we have in the 80 ends east and west, we have deemed it advisable to sink the shaft, and have, therefore, one-menced sinking it below the 80 by six men, at 8t, per fathom. Noosi will incurred for pumps, there being sufficient for the lift on the mine. The 60 cross-cut, north of the old engine-shaft, on No. 1 lode, is driving by four men, at 10t. 10s. per fathom; there is water issuing from the breast of the end, but and sign of a lode yet. We have eight pitches working by 16 men, at tributes variing from 10s. to 14s. in 1t. The cost for March will be 460t., and the cost two months I calculate will realise 400t. In conclusion, I b

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The lift in lif

slate, carbonate of lime, and mundic of good appearance. The lode in the adit level, west from shaft, is of the same character, and may be expected to improve as it advances into the hill in that direction. In the western ground, near plynlimmon Mine, the deep adit cross-cut is being driven northwards as fast as pas-libe, and is progressing favourably. We are now about to fix air pipes in this level, so as to keep on six men to drive during the summer months, or antil the Pivnlimmon I-de to met with.

EAST PROVIDENCE.—J. Nancarrow, Wm. White, April 18: The lode in the Pivnlimmon I-de to met with.

It is north looks promit-ing, but there is no very important change to notice. The 14 south looks better, and there is a little tin in the lower part of the end. The lode in the 122 north, which yields rich stones of tin. There is no change in the 70 east. The caunter lode in the 65 oouth is 14f. th. wide, and present a fast were encouraging appearance. The pitches are much the same as usual.

EAST WHEAL GRENVILLE.—G. B. Odgers, Wm. Bennetts, April 16: There is no change in the report in either cross-cut, because the men have been employed preparing the ore. The lode in the 75 east is from 1ft. to 15 in. wide, containing and a change for the better quickly. We are glad to tell you that we have a good lode in the end of the 55, worth fully 5 tons of copper ore per fm., which has turned out quite to our expectation. The stopes above this level are which our easmpling on Wednesday will be quite equal to our calculation.

G. Odgers, W. Bennetts, April 31: We have no particular change in this mine to report, because the men are now engaged clearing their respective places since the sampling, and on Saturday we hope to give you a detailed report of good awersage produce.

EAST WHEAL LOVELL.—R. Quentrall, April 20: North Lode: We have to good awersage produce.

erry hargain. We are of opinion the copper we sampled yesterday will prote of good average produce.

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old adit level, about 10 fms. from surface. All vesses all possible speed.

GREAT SOUTH CHIVERTON.—J. Nancarrow, April 19: The ground in Gifford's engine-shaft continues a little harder, and the lode is not quite so large as last week, but it is quite as congenial for lead. The timber in the 50 west has taken longer to replace than was expected, but will be completed tomorrow. We have a very fine looking lode in the 40 east, which is 4 feet wide, and every way likely to produce lead. The pitch at the 40 looks just as it did at the setting. There is more lead in the stope at the 20 than when it was last reported on.

and every way likely to produce lead. The piton at the 40 than when it was last at the setting. There is more lead in the stope at the 20 than when it was last reported on.

GUNNISLAKE (Glittors),—W. Skewis, J. C. Secombo, April 21: The engineshaft is now about 4½ fras. below the 48 fm. level under adit; the lode in it is from 1½ to 2 ft. wide, composed of spar, peach, capel, and yillding good stones of copper ore. The lode in the 48 fm. level was tis worth 6f. per fathom. The lode in the 48 fm. level, cast and west from laster shaft. The lode in the 48 fm. level, cast and west from laster shaft. The lode in the 48 fm. level, cast of Piper's winze, is yielding good saving work for the and copper. The lode in the 36 fm. level was its small and poor at present, but looking at the run of ore ground in the bottom of the 23 fm. level, a good discovery of copper should soon be met with in the 36 fm. level. The lode in the three stopes in the back of this level is worth 6f., 8f., and 12f. per fathom. The lode in the stope in the back of this level is worth 15f. per fathom. The lode in the stope in the back of this level west be morth longer, and in the stope in the back of this level are worth 15f and 18f. per fathom.

GWYDYR PARK.—Wm. Sinyth, April 19: There is no particular change in the back of this level are worth 15f and 18f. per fathom.

GWYDYR PARK.—Wm. Sinyth, April 19: There is no particular change in the back of this level are worth 15f and 18f. per fathom.

GWYDYR PARK.—Wm. Sinyth, April 19: There is no particular change in the back of this level are worth 15f and 18f. per fathom.

HEMBERDON UNITED.—W. Edwards, April 21: The lode in the 18f and 18f. per fathom of the 18f and 18f. per fathom.

HEMBERDON UNITED.—W. Edwards, April 21: The lode in the stope and tries, with the exception that we tried some boils in the footwall on Harker's lode, and find it by level are worth 18f and 18f. per fathom.

HEMBERDON UNITED.—W

worth 101, per fathom for the: this looks highly encouraging as we approach the granite and near the junction of the Wheal Mary Hutchings caunter inde. HINGSTON DOWN CONSOLS.—J. Richards, April 20: There is no alteration in any part of the mine since the report of last week. I will send you a full renort in good time for the meeting, appointed to be held on Tuesday next.

LOVELL.—J. Nancarrow, April 19: The men have nearly cleared the choke in the adit: there is a great deal of water let down, we can see through, and expect to complete it by the end of this week, so that we shall be drawing from the first shart next week.

LOVELL CONSOLS.—J. Nancarrow, April 19: The morth shaft is now in full course of sinking below the 12, and the ground is favourable. We are making fair progress in the clearing below the adit westward, and think the bottom may be reached in another week. We have a iready broken some rich stones of tim. The shaft is sunk on the new lode in the north-east part of the sett 4 fmr.; we are down to water, and have commenced driving east on the lode, which looks very promising, and yields fair quality tin-tuff.

MARS-Y-SAFN.—April is: The 370, east of Grosvenor's shaft, has improved a little; it is now producing a few good lumps of lead. The 350 west is not producing any lead at present, but the end los has promising. The 310 east has not changed since last reported. The 370, east of the sump-winze, has improved a little; the end is now producing 34 ton per fathom. The 370 west is unproducitive. The winze under the 310, west of Grosvenor's, is producing 2 tons per fm. The stope in the bettom of the 310 west are producing 2 tons per fathom. The stope in the bettom of the 310 west are producing 2 tons per fathom. The stope in the bettom of the 310 west are producing 2 tons per fathom. The stope in the bettom of the 310 west are producing 2 tons per fathom. The stope in the bettom of the 310 west are producing a looking very promising, and producing some very good lumps of ore. We sold all lof the whit

ore per ration. We are getting on with the dressing, and nope soon to have another parcel of ore for sale. About 150 fms. north of our Penrhiw lode we have discovered a new lode, which presents such favourable indications that we intend sinking on it at once, and hope shortly to be able to give a tayourable account of it.

NEW CROW HILL.—T. Trelease, A. Kent, April 19: In the past week our shaftmen have been busily engaged in cutting a plat at the 160, and likewise fixing a drawing lift to pump from the said level to the 10; this will save us from drawing any more water from this place with barrels. We are making good progress in accomplishing the work herein mentioned.

NEW WHEAL CHARLOTTE.—J. Tonkin, April 20: We are making good progress in forking the water; this morning the water was 3 feet below the back of the 10. The shaftmen are now engaged in dropping the lift; if there is no stuff in the shaft to prevent the lift from sinking we shall reach the 20 fm. level about this day week; so far as we have ascertained the quantity of water flowing into the mine, our 8-in. lift will be quite large enough to keep the mine dry. The engineers are now engaged about fixing the stamp-axis. I hope to see the lode below the adit before my next report.

NEW WHEAL TOWAN.—R. Pryor, April 20: The lode in the adit level. driving west on the copper lode, continues just the same as reported on last week. We have commenced driving the adit level west on the tin lode, and from which we are breaking some rich stones of tin.

NORTH CROFTY.—J. Vivian and Son, W. Thomas, jun., April 21: The lode in the 20s, west of Petherick's shaft, is further improved, and is now worth 151. per fathom. The eastern stope, in the back of this level, is worth 30l. per fm.; and the western stope, 20l. per fathom. In the 196 end west the lode is worth 20l. per fathom. In the winze sinking under the 196 west the lode is worth 20. per fathom. North FOOL.—J. Vivian and Sons, April 21: Ballariat Lode: in the 40 fm. level east the lode is worth 20l. per fath

worth 2 don's of ore per fathom.—Doctor's Shafe: The sinking of this shaft below the adit level is being pushed on with all possible speed, but no lode has been zaken down below the level. All other places without change to notice since our last report.

OLD GUNISLAKE.—F. Phillips, April 12: Parker's Shaft: Since my last about 3 feet have been sunk. The lode is now resuming its former course, is about 3 feet have been sunk. The lode is now resuming its former course, is about 3 feet have been sunk. The lode is now resuming its former course, is about 3 feet have been sunk. The lode is now resuming its former course, is about 3 feet have been sunk. The lode is now resuming its former course, is about 3 feet thick, composed of capel, spart, prian, peach, mica, and crystallised iron, and in some places stains of green are found; I am still of the opinion that this lode will produce large quantities of copper ore of good quality, and I think we have a good chance in the extension of levels from the present depth being 30 fathems sunk from adit without driving at all.

PEDN-AN-DREA UNITED.—W. Tregay, J. Thomas, April 16: Sump: We are making fair progress in sinking below the 140; the ground is favourable. The ground in the 120 north is rather barder than it has been; good progress is, however, still made. The ground in the 140 east is favourable for rising, the lode producing stones of till. In the 90 west the lode in the north end is still unproductive, and letting out much water. In the 80 fm. level east the lode is worth 20.1 per fm.; in the 80 west, 10.5, per fm.; in the 60 east, 30.6, per fm.; in the 60 east, 30.7, per fm.; in the 60 west, 30.7, per fm.; in the 50 east, 10.7, per fm.; in the 60 east, 10.7,

is 2 ft. wide, yielding good stones of copper and tin: this we consider a very promising point. In the 55 east no change. In the 55 west the lode is 2ft, wide, yielding a little copper ore, but not to value. In the 55 west, on No. 2 north lode, the lode is 2ft, wide, principally eapel, quartz, and flookan. No change in any of the stopes or tribute pitches. We hope to sample next week from 90 to 101 tons of copper ore.

lode, the lode is 27t. with principally emperature to sample next week from 90 to 101 tons of copper ore.

PRINCESS OF WALES (Calstock).—T. Foote, G. Bickard, April 20: We are making very fair progress in sinking Harris's engine-shaft, below the 25 fm. level; the ground is more clear of spar, and not so many branches crossing the shaft; the kilias is all that can be wished for the production of a great change in the lode in the 30 fm. level. Everything is going on well, and hope to get the shaft down and lode reached by the time stated at the last meeting, or before the next meeting takes place.

REDMOOR.—F. Bennetts, April 21: The lode in the 30 east is disordered by the slide, worth 7t, per fathom; here we expect the lode to improve as it leaves the slide. The lode in the 30 west is worth 1st, per fathom. The lode in the stope east of the rise is worth 3t, per fathom. The lode in the stope west of the rise is worth 4t, per fathom. The lode in the stope west of the rise is worth 4t, per fathom. The lode in the stope west of the cross-cut is worth 6t, per fathom.

Not have a very valuable mine here, as returns of tin with issue profite on he per ton. This is in the very retor. equality, which is of great consideration, sport on. This is in the very retor. equality, which is of great consideration, sport on the capets of the lock, through which we are driving, which has completely returned to the capets of the lock, through which we are driving, which has completely returned to the capets of the lock, through which we are driving, which has completely returned to the capets of the lock, through which we are still cutting through the south hand. In the fit, west of King's shart, we are still cutting through the south hand. In the fit, west of King's shart, the lock is 16 and a still cutting through the south hand. In the fit, we have the control of the

down. We shall be able to go on now with much more rapidity than heretore. On the south tin lode Freeman's shaft is sunk 9 fms. from surface, which is still in a beautiful channel of ground. We hope in the course of a few days to cut the lode, when good results may be anticipated. The pitches throuhout the mine still look well.

WEST MARIA AND FORTESCUE.—W. Skewis, J. Donnal, April 21: West Maria Lode, Willesford's Shaft: The lode in Willesford's shaft, sinking below the 71, is 2½ ft. wide, and yielding good stones of ore and mundie. No lode has been taken down further cast or west in the 71 fm, level since our last setting, the men being employed taking down a piece of lode close to the shaft, and are now getting in on the north side of 1c; the lode here is 3 ft. wide, composed of capel, quarts, mundle, and copper ore, altogether of a very promising description. The drivage will be continued on the north side for a short time, for the speedler advancement of the work. The lode in the 60 cast still continues to be worth 231, per fathom. with good prospects for improvement. The lode in the winze in bottom of the 60 fm, level winze is full 6 ft. wide, worth 1001, per fathom. No change in the stopes in back or bottom of the 60, east and west of shaft: that cast being worth 431, and west, in bottom, 501, per fathom. There is no other change to report.

WEST TANKERVILLE.—A. Waters, April 19: The men are making good progress clearing and securing the deep adit, on the California lodes. We have also cleared and secured the upper adit, on the California lodes. We have also cleared and secured the upper adit, on the California lodes. We have also cleared and secured the upper adit, on the California lodes. We have also cleared and secured the upper adit, on the California lodes. We have also cleared and secured the upper adit, on the California lodes. We have also cleared and secured the upper adit, on the California lodes. We have also cleared and secured the upper adit, on the California lodes. We have also cleared an

and carpenter at work repairing capstan and doing other necessary work in the mine. I have the offer of new 9-in. pumps, working barrels, plunger-poles, stuffing-boxes, and glands, with H and top door-pieces and valves, deli-wored at Minsteriey, at 7s. 6d. per ewt., and shall order what is required in this

poles, stuffing-boxes, and glands, with H and top door-pieces and valves, delivered at Minsteriey, at 7s. 6d. per ewt., and shall order what is required in this respect to-morrow.

WEST WHEAL TOLGUS.—April 20: Taylor's shaftmen are fairly under way with the sinking below the 105; we have not yet set the shaft to sink, but intend doing so on Friday. The lode in the 105, east of shaft, is without alteration, yielding 3 tons of ore per fathom. The lode in the 105 west has a more kindly appearance, and is letting out more water; we have to be able to report kindly appearance, and is letting out more water; we have to be able to report kindly appearance, and is letting out more water; we have to be able to report kindly appearance, and is letting out more water; we have to be able to report kindly appearance, and is letting out more water; we have to be able to report kindly appearance, and is letting out more water; we have to be able to report kindly appearance, and is letting out more water; we have to be set of shaft, is yielding 2 tons is being carried in the rise in the back of the los, east of shaft, is yielding 2 tons of ore per fathom. There has been but little done in the 56 asts. the men have been employed in trauming attle to stull to fill the gunuis under the stopes. The three stopes in the back of the 95 ars yielding on an average 4 tons of ore per fathom. There is no alteration in the 85 cast. The lode in the 40, east of ore per fathom. There is no alteration in the 85 cast. The lode in the 40, east of wheat Raven, 13 ft. wide, and looks kindly, but no ore to value. The ground in Richard's shaft is just the same as for some time past. The tributers are working on in pretty good spirits, and we are hoping to have a larger quantity of ore from them than we had last time. The water is falling off a little from Taylor's engine.

WEST WHEAL TREMAYNE.—S. Roberts, April 21: We have cut a large cross lode in the 20 west, on the south lode; no one ever knew that such a lode existed there, it is near 3 ft. wide

in the 140 before we cit plat; by so doing we shall be able to continue the driving of the ends whilst the plat; being cut. The lode in the 130 has altitle fallen off in size and value, now worth 201, per fm. Other places the same as last reported.

WHEAL COURTENAY.—J. Gifford, April 21; In the deep adit west the lode at present is small and poor, but I hope will soon improve in size and quality.

WHEAL CREBOR.—J. Goldsworthy, April 20; I have no change to report in any of the tutwork or tribute bargains since reported on last week. Our dressing is progressing satisfactorily, and I hope to have ready by sampling-day over 100 tons.

WHEAL FRANCO.—W. Doldge: No change in the lode driving west of Sutton's shaft. The ground in the adit level is not quite so favourable for driving. Still good progress is being made, driving about 3 fms. per week.

WHEAL GRENVILLE.—G. R. Odgers, W. Bennetts, April 21: The lode in the 66 cast from north shaft, is 3 to 4ft. wide, worth fully 101, per fm. The lode in the 66 cast from north shaft, is 3 to 4ft. wide, worth fully 101, per fm. The lode in the 66 cast is 3ft. wide, and worth 101, per fm. The 66 corsa-cut is driven north 4 fms.; we have met with a branch in the granite, which has retarded our progress a little. We calculate we are now within some 2 fms. of intersecting the new lode; and seeing that the ground is getting a little stiffer towards it is, in our opinion, mor favourable than otherwise.—New Lode: We have taken down the lode in the 80, cast from cross-cut; and, judging from its appearance, it will produce 7 to 7½ cwts. of tin per fathom; it is, therefore, at the present adanded worth from 281, to 304, per fathom; it is, therefore, at the present standard worth from 281, to 304, per fathom; it is, therefore, at the present standard worth from 181, to 304, per fathom; it is, therefore, at the present of the independent of the north of ms.

WHEAL KITTY (St. Agnes).—S. Davey, Wm. Polkinghorne, April 16: New Standing in that direction, and we hope by Saturday to be able

Nothing worthy or report. In the 82 fathoin level, driving weather, the old lode is producing saving work.—Now Lode: In the adit level shaft, the old lode is poor.

WHEAL MARY ANN.—P. Clymo, J. Harris, J. Stevens, J. Skeat, April 21: Clymo's shaft is sunk 15 fms. under the 240; the cross-cut in this level is extended 35 fathoms towards the lode. There is no improvement to notice in the 230 fm. level north. In the 230 south the lode is 1½ foot wide, worth 51, per fathom. In the 220 south the lode is small and poor. In the 230 north the lode is 2 ft. wide, and still producing good stones of ore. In the 230 north the lode is 1 foot wide, worth 41, per fathom. In the 190 north the lode is 2 ft. wide, worth 44, per fathom. In the 190 north the lode is 16, wide, worth 44, per fathom or the sold of the continue to yield much the same as for some time past. We have this day sold to Messrs. Weston and Collingborn, of Bristol, our parcel of silver-lead ores, computed 47 tons, at 231, 35, deper ton. No other change to report.

WHEAL SPARNON,—W. Tregay, April 16: The lode in the adit end east produces gossan and stones of copper ore, promising for improvement.

WYE.—J. Paull, April 19: In the 14, below the adit, we believe we have now cross-cut through the lode; it is 4½ fathoms wide, of the most promising character, and throughout is spotted with lead ore. We shall drive east and west on its course, by four men, each way immediately, and fully expect to meet with richer ore ground under the winze sunk 5 fathoms below adit; we also anticle pate the level will drain this winze, and we shall then sink it through to the 14 for ventilation, as well as to properly open this piece of ore ground for stoping away. Marchison's shaft is in good progress of sinking, and well down towards the next level.

ing away. Mirchison's shaft is in good progress of sinking, and well down towards the next level.

WHEAL UNY.—Wm. Rich, Matthew Rogers, Samuel Coade, jun., April 16: The 150 cast is worth 12l, per fathom; the ground is easier, and letting out more water, which are favourable indications. The 150 west is worth 8l, per fathom. The rise in the back of this level is worth 10l, per fm. The rise in the back of the 150 cast is in a hard bar of ground, and is not so valuable at present. Good progress is being made in sinking the engine-shaft. We are forcing on the sinking of Hind's shaft, and the rise against the same, in the back of the 80. The 140 end east is worth 10l, per fm., and very wet. The rise in the back of the 130, towards Goodinge's shaft, is worth 20l, per fm. for the 12 ft. carried. The 120 cast, and the 110, are each worth 8l, per fm. We have been obliged to put in new condensing work to the stamps, which has hindered the stamping for a few days. The engine is now working very much better.

VAN.—A telegram has just been received from Capt. Williams, the manager, to the effect that in the cross-cut at Edward's shaft the south side of the "soft" has been reached, which is intermixed with south side of the "soft" has been reached, which is intermixed with good stones of lead, and is very promising for cutting a rich lode at that point. It should be explained that this point is at a distance from the present workings equal to the entire length of the course of ore now being opened out, consequently the actual value of the mine will be doubled if this point should prove of equal richness. Another point of great importance is the cutting of the lode at the 45 fm. level, which the manager states, in an official letter received vestered by the expect to interest in the course of a few days. The 45 m. level, which the manager states, in an official letter received yesterday, he expects to intersect in the course of a few days. The indications for cutting the lode rich at this point are equal to anything ever seen in the mine. It should be mentioned that Edward's shaft is no less than 190 fms, west of the present engine-shaft, and that the riches in this portion of the property are altogether irrespective of the great length of ore gound discovered in the eastern section. The levels going east are being prosecuted with dispatch. It was the indications eastward that led to the discovery of the mine, and the point the manager had in view in developing the property. and the point the manager had in view in developing the property has not yet been proved. The monthly sale of ore (325 tons) realised 44471, exclusive of blende, of which there is a large quantity dressed. The 15 and 30 westward continue productive as ever, 5 tons of lead per cubic fathom, the lode being 30 to 40 ft. wide.

TANKERVILLE.—A well-known and reliable authority, who has recently inspected this mine, states that there will be no difficulty in returning 300 tons of lead per month when the new shaft is down to the required depth. In the meantime, about 150 to 200 tons may be expected to be the monthly raisings.

CWM RICKET (near Llanidloes).-It is now intended to sink on the course of the lode from the 10 fathom level, where there is a rib of lead, producing over I ton of ore per fathom; this has been stoped up to surface, and is now being widened and timbered, so as to enable the sinking to proceed. It was also found necessary to get larger pumps, which are now on the mine, ready for putting down, and preparations are being made to erect a large water-wheel, when this is complete there seems to be little doubt but that large returns of ore will soon be made.

ROCHE CONSOLS.—Capt. Parkyn reports that this mine is opening out very satisfactorily. He states it has further improved this week, and a valuable discovery has been made on the middle lode, from which rocks of ore have been broken off worth nearly 1 cwt. of tin to the ton of the lode, and it is going below the present shaft very rich. The tin is of the first quality, and the agent expresses his belief that the mine will turn out one of the best in the district.

THE TEIGN VALLEY LEAD AND BARYTES MINES .- About three fourths of these shares are already taken up. The share list will remain open for a few weeks, at the expiration of which the list will be closed, and an allotment meeting will be held by the directors, who will then determine upon the best plan of starting the mine. In the interim the engineer and manager will be actively employed as to the selection and plan of machinery (most probably water-power) for preparing and marketing the mass of barytes (over 100,000 tons) now showing at and above the adit level. The lead lodes being already laid open for inspection, there is less uncertainty in working

them than when commencing in virgin ground. Specimens of the minerals may be seen at the company's office. | See advertisement minerals may be in this Journal].

With this week's Journal a SUPPLEMENTAL SHEET is given With this week's Journal a SUPPLEMENTAL SHEET is given, which contains: Prof. Smyth's Lectures at the Royal School of Mines—Original Correspondence: Collieries in North Wales; Various Modes of Working Coal; Non-Responsibility of Coal Owners, and the Bathgate Accident; Remarkable Distribution and Vast Extent of the Coal Fields of British America (J. Campbell); Tin in California; Rhenish Prussia; Metallic Mining (W. Gibson); Festiniog Slate Quarries and Railway; Mining in Flintshire; East Wheal Lovell (T. S. Jackson); Welsh and Cornish Mining (Woodhouse and Co.); Mining in Cardiganshire (A. Francis); Tankerville and West Tankerville Mines; Virtuous Lady, Brentor, and the Queen Mines (T. J. Barnard)—Mining in Australia, Summary and Mines Reports.

## The Mining Market; Pnices of Metals, Ores, &c.

METAL MARKET-LONDON, APRIL 22, 1870.

COPPER. £ s. d. £ s. d.	IRON. Per ton.
Best selectedp. ton 73 0 0 Tough cake and tile 71 0 0- 72 0 0	Bars Welsh, in London 7 2 6-7 5
	Ditto, to arrive 7 5 0
	Nail rods 7 5 0- 7 10 0
Bolts 77 0 0- 78 0 0	" Staffd. in London 8 5 0-9 0
Bottoms 78 0 0	Bars ,, ditto 8 0 0-9 0 0
Old (Exchange) 63 0 0	Hoops ,, ditto 8 17 6-10 15 0
Burra Burra 74 0 0	Bars at works 7 15 0-8 0 0
Wireper lb. 0 0 10	Hoops ditto 8 2 6-8 5 0
Tubes 0 9 11	Sheets, single 9 15 0-11 0 0
BRASS. Per lb.	Pig No. 1, in Wales 3 15 0-4 5 0
Sheetsper lb. 81/4d9d.	Refined metal, ditto 4 0 0-5 0 0
	Bars, common ditto 6 15 0
	Do. mrch. Tyneor Tees 6 10 0
	Do., railway, in Wales 6 12 6-7 0 0
Yellow Metal Sheath.p. lb. 61/4d67/4d.	Do., Swed. in London. 9 15 0
Sheets , 638d	To arrive 9 12 6
SPELTER. Per ton.	Pig, No. 1, in Clyde 2 18 6- 3 5 6
	Do. f.o.b. Tyne or Tees 2 9 6
Foreign on the spot £19 15 0-20 0 0	Do. Nos. 3,4,f.o.b. do. 2 6 6-2 7 0
,, to arrive 19 5 0-19 15 0	Railway chairs 5 10 0- 5 15 0
ZINO.	,, spikes11 0 0-12 0 0
in sheets £24 0 0	Indian Charcoal Pigs,
QUIGESILVER (p. bottle) (nom.) 6 17 0	in London, p. ton. 6 0 0-6 10 0
TIN.	STEEL. Per ton.
English blocks £136 0 0 Do., bars(in bris.) 137 0 0	Swed., in kegs(rolled)13 10 0-13 15 0
	,, (hammered) 14 15 0
	Ditto, in faggots 15 15 0-16 0 0
Banca 134 0 0	English, spring17 0 0-23 0 0
Straits 132 0 0-134 0 0	
TIN-PLATES.* Per box.	LEAD. Per ton.
C Charcoal, 1st qua. 1 6 6-1 8 0	English Pig, com18 10 0-18 12 6
X Ditto, 1st quality 1 12 6- 1 13 6	Ditto, LB
C Ditto, 2d quality 1 6 0-1 6 6	Ditto, WB 19 0 0
X Ditto, 2d quality 1 12 0- 1 12 6	Ditto, sheet 0 0-19 5 0
C Coke 1 3 0-1 3 6	Ditto, red lead20 0 0-20 10 0
X Ditto 1 9 0-1 9 6	Ditto, white 27 0 0-30 0 0
Canada plates, p. ton 13 10 0-14 10 0	Ditto, patent shot 22 0 0
Ditto, at works 13 0 0-14 0 0	Spanish
	to 1s. 6d, per box less.
At the works, Is.	to the out her new room.
REMARKS The improvement r	oted last week still continues, and
	Li-bala - June J. At necessary

prices in one or two instances have slightly advanced. At present, however, the general demand is limited, and merchants do not yet receive the continuous flow of orders from abroad which formed a chief feature in their business a few years ago; nevertheless, as the causes of depression are removed, and their results are less keenly felt, prospects brighten, and the oft-repeated hope of reauseltation in business seem increasingly likely to be realised. One of the favourable features of the trade to which from time to time we have referred is that, as a rule, metals are at comparatively low prices, so that there is nothing to hinder the progress of consumption, and a margin exists for a moderate advance in price. For some few years past the course of the market has tended in favour of buyers, prices having, with little exception, ruled gradually lower, but from present appearances it would seem that at last a turning point is at hand, and that buyers may experience that there is less disposition on the part of sellers than formerly to make concessions. Owing to the slackness of demand which for so long a time prevailed, many of the manufacturers reduced the production at their respective works to a considerable extent, the result being that the orders given out have kept that portion of the works in operation fairly; but, should an increased determine the production at their respective works to a considerable extent, the result being that the orders given out have kept that portion of the works in operation fairly; but, should an increased determine the production at their respective works to a considerable extent, the result being that the orders given out have prices in one or two instances have slightly advanced. At present works to a considerable extent, the result being that the orders given out have kept that portion of the works in operation fairly; but, should an increased demand spring up the power of meeting that demand already exists, and can be readily brought into immediate use. In prosperous times manufacturers very generally fell into the error that the then present necessity would involve the permanent enlargement of their works, and, at a considerable cost, their plant was accordingly increased. It was soon found, however, that this outlay was uncalled-for, and the works, as we have stated, were again reduced within their former limits. With the recollection of past experience before them, manufacturers are not likely again to fall into the error of putting costly machinery into motion without having a very positive and confident assurance that the demand is of such a lasting character as shall fully compensate them for incurring additional outlay.

COPPER.—During the past week we have experienced a spasmodic movement, caused in great part by speculators operating for the rise.

movement, caused in great part by speculators operating for the rise. Whether this will be attended in the end with success remains to be proved. We have so frequently observed during the downward course of the market such sudden speculative efforts result in as sudden collapse, that at present we have no great faith in the stability of a rise which has for its foundation mainly the efforts, naturally enough, of those who having lost heavily are desirous of recouping their losses. However great a disposition might be evinced on the part of buyers to effect purchases, there seems to be an equal disposition on the part of buyers to effect purchases, there seems to be an equal disposition on the part of buyers to effect purchases, there seems to be an equal disposition on the part of holders to take advantage of the present opportunity of relieving themselves of their surplus stocks. So long as buyers limited their enquiries to comparatively small quantities, soliers of Chill hars hesistated about naming a price, lest it might prove detrimental to their interests—but so soon as offers were made for large quantities, sellers readily concluded contracts. According to the last advices from Chill, there is no failing off in the charters, and this may be taken, as we have often observed, as a most important index of what course the copper market should pursue. Should charters fail off, copper should as certainly, and in the same proportion, rise in value—but, on the other hand, should charters continue large there seems to us no solid foundation for any permanent improvement in the value of the metal. To add to the complexity of affairs, we observe a notice in our contemporary, the Times, under the head of news from Valparaiso, to the effect that although some small mines, probably those not favourably situated, might possibly find it desirable not to continue working—that yet a new company was in course of formation for the further development of the copper resources of that district. Under these circumstances, and in movement, caused in great part by speculators operating for the rise. Whether this will be attended in the end with success remains to be

tured.

METAL.—The fractional advance which we stated last week was demanded continues to be quoted, but buyers do not yet respond, advices from India being against a rise, either in copper or

IBON.—The report from the Welsh district of the pos iron trade is encouraging. Improvement has long been looked for, and in anticipation thereof the market has been very firm. The iron-masters felt assured that home and foreign requirements would during the course of the year be large, and that the demand being good prices the course of the year be large, and that the demand being good prices were pretty sure to remain steady. From the reports received at the last quarterly meeting it seems that they were right in their conjectures. Buyers, as we have surmised, have been only holding off in the vain hope of being able to close their contracts at easier rates, and finding now that there is a greater probability of their having to buy dearer rather than cheaper by further delay they are very generally giving out orders. Both Russia and America are in our market, and the rail mills will soon be busily engaged in fulfilment of orders from those countries. Merchants bars and other descriptions of iron are also in better request. The exports of iron during last month are reported to have been—Cardiff, 12,600 tons; Mewoport, 14,334 tons; and Swanses, 1709 tons.—Staffordshire: There seems to be a little more firmness among sellers, the demand being somewhat improved.—Swedish Bars: A little better enquiry has sprung up for the Indian market, which may possibly result in more business being transacted in these assortments. The stocks in Gottenberg, and ports in the immediate vicinity, are not to be purchased at the rates ruling here; this in owing chiefly to the demand for Russia and America, and no fresh supplies as yet having reached the shipping ports for the interior. In Scotch pigs there, has been a good deal of speculation, and the market has advanced to 59s. for warrants.

TIN.—Since we last reported the market has again attained a higher position, the quotation from Holland for Banca being 79 fls. Straits has been sold here at 1332, to 1342, and English refined 1394. The strength of the market, however, is not so apparent as it has been, and transactions are becoming both small and limited. It appears owalmost to have reached its zenith, and we should not be surprised e demand for tin-plates continues limited, to see the m somewhat recede.

as the demand for tin-plates continues limited, to see the market somewhat recede.

THE COPPER TRADE.—Messrs. James and Shakspeare—Ore and regulus continue in request, and sales of about 1500 tons have been made at 13s. 1½d. and 13s. 3d. per unit, but allhough there is not much offering even at the higher figure, smelters do not seem yet disposed to pay the advance demanded by importers, and for this reason the transactions were rather limited. In Chill bars a very large trade has been done, and we estimate the sales from and including Thursday, April 14, 2t fully 3000 tons, the chief portion of which were on cash terms, and of the Lota and Urmencta brands, and for these that prices have ranged from 661. 10s. to 631. 15s. cash, 671. 10s. to 631. 10s. for arrival or long prompt; good ordinary brands have been extremely scarce, choice marks likewise, and for these, therefore, buyers have had to give more money, the gures paid ranging from 671. to 681. 10s. cash, 871. 10s. to 681. 10s. con arrival or extra prompt, closing with enquiries for spot parcels at the extreme rates, sellers asking 10s, per ton more. All the Lota ingots on sale were likee purchased from 691. 10s. to 701. 12s. 6d., and a good enquiry has also existed for those of the Urmeneta brand, from 711. to 721. for ordinary quality, and 721. to 731. for the double refined, but of these last there is no available stock. Advices are in from Chill up to March 14, giving the charters up to that date as equal to about 1200 tons pure, but news of the regular mail, which left three days later, is not yet to hand. For Australian cake there has also been a good enquiry, and sales of about 1300 tons Burra and Wallaroo reported from 721. 10s. to 741, per ton, the extreme figure being paid for the former sort. Smelters are asking 11, per ton advance on their official quotations for English tough, but manufactured continues dull, and can still be obtained at our list rates.

Messrs, Vivian, Younger, and Bond—Since our last orders have come in for very large quanti

quiry at our nighest quotations.

THE IRON TRADE—(Griffiths' Weekly Report).—There is a marked ingrer business has been done than might have been expected so closely on the heels of a quarter-day. There are numerous enquiries for hoops; plates and sheets continue in request. Angle-bars and T-iron likowise are in good demand. The improvement in the enquiry for bars is not so marked as in other sorts. The rail market is active; contracts have been made this week for ten moderately large parcels for Russia. The price of rails is gradually stiffening. The mills at all the great manufacturing centres of this kind of iron are running full time. We have no change to notice in the market for tin-plates.—76, Old Broad-street, April 22.

The MINING SHARE MARKET has been affected this week by the Easter holidays, and the absence of many dealers, but a further rise of 31. per ton in tin, and an advance in the Copper Standard, have of 3l. per ton in tin, and an advance in the Copper Standard, have caused a more active demand for, and in some cases an advance in prices, of some of the leading tin mines, such as Providence Mines, East Lovell, Tincroft, Cook's Kitchen, and East Pool. A moderate amount of business has also been done in West Chiverton shares, which are rather weaker, Van, Van Consols, New Lovell, North Crofty, Great Laxey, Chiverton Moor, Bronfloyd, Bwlch, Tankerville, Wheal Grenville, East Grenville, and a few other mines. Assheton, 8\frac{1}{2}\text{ to 8\frac{3}{2}}\text{ cae Gynon, 2\frac{1}{2}}\text{ to 8\frac{3}{2}}\text{ cae Gynon, 2\frac{1}{2}}\text{ to 8\frac{3}{2}}\text{ cae Gynon, 2\frac{1}{2}}\text{ to 8\frac{3}{2}}\text{ carn Brea, 17 to 20. At Cook's Kitchen Mine meeting a dividend of 7s. 3d. per share was declared. Van advanced to 83, 85; the mine has sold 325 tons of lead ore for the month, realising 4447l. 7s. 6d; the highest price per ton was 13l. 17s. West Chiverton, 55 to 56. Tankerville shares advanced to 17\frac{1}{2}\text{ and leave off 15\frac{1}{2}\text{ to 16\frac{1}{2}}\text{ the next monthly sampling will be 100 tons of lead, and the mine has further improved. East Levell shares have advanced to 26\frac{1}{2}\text{ ? 7. New Lovell, 2\frac{1}{2}\text{ to 1everton Moor, 5 to 5\frac{1}{4}\text{ to 105}\text{ ; 10}\text{ to 13\frac{1}{2}\text{ to 17}\text{ he meeting, held on April 13, the accounts, charging labour costs to the end of February, showed a credit balance of 1116l. 3s. 2d., and a dividend of 1s. 3d. per share (800l.) was declared, leaving 316l. 3s. 2d. in hand. The tin sold during the quarter realised 3853l. 4s. 5d., which was less than the previous quarter, owing to the severe weather, which for a time almost put a stop to surface operations. The mine is now looking well, and the points in operation likely to be of great value. West Drake Walls, \frac{1}{2}\text{ to \frac{3}{2}\text{ ; at the meeting a call of 6d. per share was made. The accounts showed 8ll. 3s. 6d. credit balance. The age caused a more active demand for, and in some cases an advance in

shaft had reached the auriferous bed of the ancient river, and 2½ ozs, of pure gold were obtained. This, the Melbourne Argus states, is just double the yield of a shaft of the same size when it first reached the auriferous beds in the rich district of Ballarat. As soon as driving in the auriferous bed commences great results are anticipated. At the Duke of Cornwall Mine the yield of gold from the batteries was 111 ozs. 10 dwts. We may further observe, in reference to the Central Mine, that we have seen a private letter from gentlemen of high position in Melbourne, who state they have seen the gold, and add, that if the wash dirt continues as rich, the mine will become one of if not the richest in the colony, and that great local excitement exists. Great Western, 2 to 2½; the mine has sold 13 tons of tin, for 9584, which will leave a profit.

that if the wash dirt continues as rich, the mine will become one of if not the richest in the colony, and that great local excitement exists. Great Western, 2 to 2½; the mine has sold 13 tons of tin, for 958L, which will leave a profit.

At South Carn Brea Mine meeting a call of 3s. 6d. per share was made. The loss on three months' working was 872L. 7s. 1d.; the tin sold, 10 tons, realised 689L. 18s. 1d. The agents consider the prospects very cheering. The discovery of very rich copper in the shaft below the 130 is giving place to tin, which is coming in the shaft under the copper, and the agents are strongly of opinion there will soon be a profitable lode. Great Wheal Vor, 11½ to 12½; Herodsfoot, 40 to 42; Marke Valley, 7½ to 7½. Don Pedro North del Rey shares have fallen 1, and leave off 3½ to 3½; the advices this month are very disappointing, especially as in last month's report the agent stated a discovery had been made which might prove of great value. For the month of January the profit was 2537L. 17s. 7d.; for February is only 649L. 14s. 4d., and the produce, weighed to March 17 only 1655 oitavas, the general body of the lode excavated having been very poor. New Beldon, I to 1½; the prospects here are good. New Seton, 35 to 40. North Crofty shares have advanced to 3, 3½; the mine has improved, and will soon, we hear, enter the Dividend List. North Roskear, 9 to 10; North Treskerby, 12s. to 14s.; Penhalls, 6½ to 6½; Pen'Allt, 1½ to 2½; Plynlimmon, 4 to 5; Providence Mines, 40 to 42; South Caradon, 290 to 300; South Condurrow, 2½ to 2½; South Frances, 5 to 7; Spearn Moor, 16 to 18; Tan-yr-Allt, 4½ to 5; Tincroft shares have advanced to 32, 33; Van Consols, 3½ to 3½; West Caradon, 1½ to 1½; West Frances, 36 to 38; West Tankerville, 2½ to 2½; West Maria and Fortescue, 2 to 2½; West Seton, 125 to 130, ex div.; West Stiperstones, 1 to 1½; Wheal Agar, 2½ to 2½; Wheal Chiverton, 1½ to 2. Wheal Grenville, 2 to 2½; the lode in the 80 east is worth 28L to 30L, per fathom. Great Retallack, ½ to 1½; the lode in the is worth 28*l*, to 30*l*, per fathom. Great Retallack, † to 1½; the lode in the 50 south is 18 in. wide, worth 6 to 7 cwts. per fm. The lode stands in the back of this level, and dipping south, for 3 fms. long worth 1 ton per fathom; there is also a good lode in the bottom. Wheal Jane, 44 to 46; Wheal Kitty (Lelant), 13½ to 14½, ex div.; Wheal Kitty (St. Agnes), 6½ to 6½; Wheal Margaret, 7 to 9; Wheal Mary Ann, 12 to 14; Wheal Seton, 27½ to 30; Wheal Uny, 2½ to 3; Penrhyn, 2½ to 2½; Perkin's Beach, 1½ to 2; Chontales, 1 to 1½; Frontino and Bolivia, 16s. to 18s.; General Brazilian, 16s. 6d. to 18s. 6d.; Pacific, 8½ to 8½; Taquaril, 18s. to 20s.

The Market for Mine Shares on the Stock Exchange during the week has been dull, and prices generally have been adversely influenced. Tan-yr-Allt, Assheton, and Don Pedro have especially suffered; Vans, on the other hand, have risen 7l, per share, and Tan-kervilles have been largely dealt in. The transfer of the Sweetland Creek Mines has been perfected, and the company's agent placed in possession. Great efforts continue to be made to unduly depress the price of Pacific shares, which, doubtless, are heavily "beared." At Van confident expectations are entertained that the lode at the 45 will be intersected in about a week's time, the statisfaction is more will be intersected in about a week's time; the stratification is more settled and more promising for a great discovery of lead than anything before seen in the mine. Rich stones of lead are being turned up at the cross-cut in Edward's shaft, which bids fair to open up an entirely new mine, Great Laxeys are firm, Tin mine shares are

41 to 41; perstones, Chiverton to 21; Es 111 to 12! Van, 83 to Van, 83 to to 1-16th Eclipse, 1 Pacific, 8 del Rey, 2 2 to 3; The AB hares of of this da of the we great lead been work been susp returns, a

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South He EXPOR being enquired for, and Great Vor is favourably reported upon. Subjoined are the closing quotations:—Assheton, 8½ to 9; Tan.yr-Allt, ½ to 4½; Van Consols, 3½ to 3½; Tankerville, 15½ to 15½; West Stiperstones, 1 to 1½; Chiverton, 1½ to 2; West Chiverton, 55 to 56; Chiverton Moor, 5 to 5½; East Caradon, 5 to 5½; West Caradon, 2 to 2½; East Lovell, 25½ to 26; Great Laxey, 18 to 19; Great Vor, 11½ to 12½; Marke Valley, 7½ to 8½; Prince of Wales, 15s. to 17s.; Yan, 83 to 85; Anglo-Argentine, 1 to 1½; Anglo-Brazilian, 3-16ths to 1-16th d!s.; Chontales, 1 to 1½; Prince of Wales, 15s. to 17s.; Eelipse, 1 to 1½; Frontino, 13-16ths to 15-16ths per share, call paid; Pacific, 8½ to 8½; Pestarena, 1 to 1½; Rossa Grande, ½ to 1; St. John del Rey, 20 to 2½; Taquaril, 5-16ths to 7-16ths pm.; United Mexican, 2½ to 3; and Yudanamutana, ½ to ½. being enquired for, and Great Vor is favourably reported upon. Sub-joined are the closing quotations:—Assheton, 8½ to 9; Tan-yr-Allt,

del Rey. 20 to 21; Taquaril, 5-16ths to 7-16ths pm.; United Mexican, 2½ to 3; and Yudanamutana, ½ to ½.

The ABERDOVEY MINES COMPANY, with a capital of 20,000L, in shares of 1L each, the prospectus of which appears in another column of this day's Journal, has been formed for the purchase and working of the well-known lead mines of the same name, in the heart of the great lead region of the Principality. The Aberdovey Mines have been working upwards of 15 years, and although the workings have been suspended they have never been abandoned, have made great returns, and no inconsiderable profit. They are at present in full working order, with machinery and materials which cost upwards of 3000L to erect and put in place, and which are at once capable of returning 200 tons of lead ore per month. The property is held for 21 years from the trustees of the Ynysymaengwyn estate at 1-15th royalty. It is mentioned that under the provisions of the Articles of Association shareholders can receive share warrants to bearer, which may be passed from hand to hand like a bank note, and by which all the trouble, expense, and delay of making, stamping, and registering transfers are avoided. The mines have been carefully inspected and reported upon by Capts. Sampson Trevethan, sen., J. Hosking, Aaron Ede, and others, who concur in expressing a favourable opinion of their value. Capt. Ede, who was for some time resident agent of the Aberdovey Mines, and is, therefore, well acquainted with every detail connected with them, referring to the main lode, which runs from 20° to 30° east of south and west of north, recommends the 42 to be driven south and the 22 north. In the west end of the sett a very strong and kindly lode has been discovered, chiefly composed of quartz, with particles of gold, lead, copper, and jack. The directors express their belief that the position of the mines is in many respects superior to that of the Van Mines when purchased by the present company, and predict an approximate success for the Aberdovey Mines withi

Mines within an equally short period.

At the Truro Ticketing, on Thursday, 3082 tons of copper ore were gold, realising 9904.10s. 6d. The particulars of the sale were—Average standard, 1032.12s.; average produce, 5\(\frac{1}{2}\); average produce, 1\(\frac{1}{2}\); average produce, 1\(\frac{1}{2}\); average produce, 1\(\frac{1}{

The flat Trusday, and are now as follows:—Common, 123s.; superior comon, 124s.; fine, 125s.; superior fine, 126s.

At Trumpet Consols meeting, on Monday (Mr. H. Rogers in the chair), the accounts for the three months' costs ending October, and for the five months' tin sales to April, showed a credit balance of 33671, 10s. 9d. A dividend of 15001, (15s. per share) was declared, and the purser was instructed to appro-priate the balance towards the liquidation of the costs not charged. Capts Quentrall, Bowe, and Gluyas reported that the mine was never in so good a position as at present.

position as at present.

At the Bronfloyd Mine meeting, on Monday (Mr. Hutton in the chair), the accounts showed a profit of 8901, 3a. 2d. on the operations of the quarter. A dividend of 9001, (1s. 6d. per share) was declared, being at the rate of 30 per cent. upon the paid-up capital. The agent's report was read, and led to considerable discussion, more particularly with reference to the discovery recently made of a lode 200 fms. west of the present workings, and about 56 fms. east of the western boundary, and in unwrought ground to surface, and capable of being attacked with great advantage. Eventually a committee was appointed to determine a plan to further explore the lode. Details elsewhere.

pointed to determine a plan to further explore the fode. Details eisewhere.

At Drake Walls Mine meeting, on April 14 (Mr. 7). C. Isaac in the
chair), the accounts for the three months ending February showed a credit balance of 11161, 3s. 2d. A dividend of 8001. (1s. 3d. per share) was declared, and
3163, 3s. 2d. carried to credit of next account. Capt. Thomas Gregory reported
upon the various points of operation. The mine is looking well, and the new
points in operation are ilkely to be of considerable value.

about the various points of operation. The mine is looking well, and the new points in operation are likely to be of considerable value.

At South Carn Brea Mine meeting, on April 14, the accounts showed a debt balance of 13644. 7s. 10d. A cail of 3s. 6d. per share was made. Capt. Riche's salary was advanced to 44. 4s., and Capt. Knowell's to 71. 7s. per month. Capts. W. Rich and J. Knotwell say—" We have sold during the past quarter [0 tons Sowts. qrs. 20 lbs. of tin. The stopes fell off in value after the first month in the quarter, or we should have done better; we hope, however, to peedly open profitable ground in the 143 and in the 110, on the north part of the lode. Taking into consideration the great improvement in sinking the entineshaft in the last 3 or 4 fms., with the kindly appearance of the 130 cast, and the good tinstone we are having from the north part of the lode below the 110, we think think the prospects are very cheering."

At Excelsior Tin and Copper Mine first general meeting, on Thurslay (Mr. H. Mansell in the edsair), a statement of accounts was submitted made up to the present time. Mr. Vosper explained that the merchants' bills were barged and discharged, and that there were no outstanding liabilities. A small all was made, sufficient to carry on the development of the property for the next our months. Messrs. Adam Murray, T. E. W. Thomas, and Josiah Hitchins were count should be opened in London, under the control of the committee. Oneny mas appointed secretary, Mr. Vosper purser, and Capt. G. Rickard agent. The report of Capt. Rickard urged the desirability of continuing the driving of the deep add thevel, for in his oplion when the lode is intersected at this point valuable and lasting mine will be the result. Capt. Thos. Foote, the manager of Trewtch a Mine, states that he is strongly of opinion that If a small amount of expital is Indiciously expended in the development of this property a good and asting mine will be laid open.

At Pen'Allt Silver-Lead Mine meeting, on Wednesday (

gill in the chair), some satisfactory information was communicated with regard to the progress made in the preliminary development of the mine. Details in

to the progress made in the preliminary development of the mine. Details in another column. At Treveddoe Mine meeting, on Wednesday (Mr. Fidler in the chair), the accounts for the quarter ending March 25 showed—Received for the sold to March 4, 6234.0s.6d.; amount received for calls, 410.12s. = 10321, 12s. 6d. Labour cost to Feb. 18, 4204; merchants' accounts, dues, &c., 3001. 14s. 6d.—balance carried to credit of mine, 3121. 18s.

At Mineral Bottom Mine meeting, on Tuesday (Mr. J. C. Isaac in the chair), the accounts for the three months ending February showed a credit balance of 4471. 10s. 7d. Capts. Richard and Robert Nancarrow reported that their expectations had been considerably exceeded. They had sold during the quarter 7864 worth, giving a profit of 3511. 14s. 2d., and, from present appearances, they think they can sell an equal quantity the coming quarter, without increasing costs. On the whole, they believe the mine bids fair to be a great success. At North Lovell Mine meeting, on Tuesday (Mr. Thorman Woodward in the chair), the accounts to the end of February showed a cash balance of 23591, 17s. It was resoived that 15001, of the balance now standing to the credit of the company be invested on a deposit-note with the bankers of the company. The committee were re-elected. The report stated that from the extensive workings made by the old men on the backs of the 10des, and looking at the lode in the 12, there is every reason to hope that North Lovell will prove a good dividend-paying mine.

At East Chiverton Mine meeting, on Tuesday (Mr. T. Woodward

At East Chiverton Mine meeting, on Tuesday (Mr. T. Woodward At least University mains incoming, on the country, the accounts showed a credit balance of 254, 3s, 6d. A call of 2s, 6d. per share was made. Capts, Grose and Southey reported that they are now working on the same rich lodes as in West Chiverton, and have every reason to hope for profitable results in depth.

to hope for profitable results in depth.

The Bank of England return for the week ending on Wednesday evening showed in the ISSUE DEPARTMENT a decrease in the "notes Issued" of 193,7401,, which is represented by a corresponding decrease in the "coin and builton" on the other side of the account. In the BANKING DEPARTMENT there was an increase in the "public deposits" of \$87,8071.; ib the "seven day and other bills" of 4671t.; and in the "rest" of \$9376.: together, 381,6641; and a decrease in the "other deposits" of 1,665,0921. Deducting this from 927,4981., the decrease in the "other securities" on the asset side of the account, there remains a total increase in the reserve of 243,9601.

COAL MARKET.-The fresh arrivals this week number 90 ships of COAL MARKET.—The fresh arrivals this week number 30 ships of all kinds. The warm weather has much reduced the demand for house coals, and prices have given way 6d. to 1s. per ton. Hartleys without change. East Hartlepool Wallsend, 16s. 6d.; Haswell Walls-end, 16s. 9d.; South Hetton Wallsend, 16s. 9d.; Eden Main, 15s. 3d.; South Hartlepool Wallsend, 15s. Unsold, 5 cargoes: 30 ships at sea.

EXPORTS OF COAL,—By the Monthly Circular of Messrs, Higginson, Liverpool, we learn that the quantity of coal exported in March was 868,631 tons, against 761,697 tons in the corresponding month

of 1869, showing a increase of 106,934 tons. The particulars are—From the Northern Ports, 388,834 tons; Yorkshire, 23,002 tons; London, 3288 tons; Liverpool, 24,891 tons; Severn Ports, 364,101 tons; and Scotch Ports, 64,515 tons. The increase was—Northern Ports, 23,473 tons; Severn Ports, 84,660 tons; Scotch Ports, 12,378 tons. The decrease was—Yorkshire, 4769 tons; London, 2740 tons; Liverpool, 6068 tons. Total, Jan. to March, 2,221,911 tons, against 1,987,337 tons corresponding month last year.

THE COAL FIELDS OF BRITISH AMERICA.—The remarkable distribution and vast extent of the coal fields of British America, and their great importance to the empire, are carefully described in a highly interesting communication from Mr. JOHN CAMPBELL, of Dartmouth, Nova Scotia, which appears in the Supplement to this week's Journal. It is pointed out that there are 900,000 square miles in the centre; 18,000 square miles on the Atlantic; and 10,000 square miles on the Pacific. He argues that the time must soon come when Great Britain will be dependent for her very existence as a first-class power on her great possessions on the North American Continent.

LONDON GENERAL OMNIBUS COMPANY.—The traffic receipts for the week ending April 17 was 11,1301, 17s. 3d.

ANALYSIS OF IRON MR. A. H. ELLIOTT is prepared to UNDERTAKE the 20, GREAT MARLBOROUGH STREET, LONDON, W.

PRACTICAL CHEMIST AND METALLURGIST, who is thoroughly acquainted with the TREATMENT of ZINC ORES and PER ORES, and many other SMELTING PROCESSES, is OPEN to an 3AGEMENT IN ENGLAND or ABROAD.

ddress, "C. U. Z.," MINING JOURNAL Office, 26, Fleet-street, London, E.C.

TO CAPITALISTS, SPECULATORS, &c.

THE ADVERTISER is PREPARED to SELL or TREAT for WORKING a QUARRY of FELSPATHIC GRANITE, specially adapted for polishing or pottery. He is also in a position to OFFER SETTS of spiendid quality CHINA CLAY, and a bone fide TIN MINE, where the ore in reserve is estimated equal to £8000.

For particulars, apply to "D. W. J.," Post Office, Tavistock.

TO PROMOTERS OF PUBLIC COMPANIES, &c THE ADVERTISER holds a VALUABLE TRACT of MINERAL LAND, including MINES, containing SEVENTY PER CENT. COPPER and TEN PER CENT. GOLD. He wishes to MEET with RESPECTABLE PARTIES to FORM a COMPANY. The property is situated near a sea-port, and a railway is just being completed in the district. For particulars, address "South America," MINING JOURNAL Office, 26, Fleet-street, London, E.C.

IMPORTANT TO CAPITALISTS. THE ADVERTISER is in a position to treat for the DISPOSAL of TWO LEAD MINES, comprising SEVERAL HUNDRED ACRES, addining two of the most celebrated mines in Flintshire, requiring only a small while to describe the relations that relations the relations to the relations.

utlay to develope their riches.
Apply to Mr. T. M. BAYLEY, 34, Water-street, Rhyl.

GOLD MINING AND REDUCTION. GENTLEMAN, largely interested in Gold Mining Properties, will be GLAD to RECEIVE PARTICULARS of any APPARATUS and PROCESS for CRUSHING, GRINDING, and AMALGAMATING GOLD-BEARING QUARTZ, and for washing and extracting the gold from auriferous alluvial deposits effectually, economically, and quickly, with descriptions and estimates of costs, &c., addressed to Mr. H. THOMPSON, care of Mr. R. Emerson, Ethelburga House, Bishopsgate-street Within, London, E.C.

CORNISH MINING ENGINEER will VISIT the MINING A DISTRICTS of COLORADO, NEVADA, HONDURAS, and CHONTALES uring the ensuing summer, and is prepared to ACCEPT ENGAGEMENTS for be INSPECTION and SURVEY of MINERAL PROPEETIES in those districts. Address, "B. S.," MINING JOURNAL Office, 26, Fleet-street, London.

PRACTICAL MINING ENGINEER, of large experience, is OPEN to UNDERTAKE the EXAMINATION of MINERAL PROPERTY, or to an ENGAGEMENT as SUPERINTENDENT of a MINING ESTABLISHMENT, foreign or otherwise. He is well acquainted with some branches Apply to "H. H. B.," MINING JOURNAL Office, 26, Fleet-street, London.

A GENTLEMAN, having had many years experience in Gold and Silver Mining, &c., in all its branches, and speaking Spanish fluently, is OPEN to an ENGAGEMENT, either to REPORT UPON or TAKE CHARGE of MINES or REDUCTION WORKS in Chili, California, Australia, or upon the Continent.

Address, "Y. T.," Lombard Exchange Rooms, Lombard-street, London.

WANTED IMMEDIATELY to PROCEED to SARDINIA, a throwolded by Thoroughly experienced mining Captain, who has some knowledge of the French or Italian languages. A competent man will be liberally dealt with.

Apply, by letter, with full particulars, to the Secretary, Monte Albo Mining Company (Limited), 110, Caunon-street, E.C., London.

TO SURVEYORS.

WANTED, a Person to TAKE THE CHARGE of PLANS of EXTENSIVE COLLIERIES and IRON MINES. Unexceptionable references required.

Apply, in the first place, by letter, to Mr. J. T. GREEN, Mining Engineer,
Tredegar Iron Works, Monmoutbablre.

WANTED, an AGENCY for the SALE of ROTTENSTONE, EMERY, and MANGANESE.
Address, "P. C.," Post Office, Manchester.

PUMPING ENGINE.

WANTED, a 50 or 60 in. cylinder ENGINE, complete, and in V V good working order.

State lowest price to HENRY HAWKINS, 10, Union-court, Old Broad-street, padon, E.C.

WANTED, a 30 or 35-ft, WATER WHEEL, with DRAWING MACHINE.

Apply to J. TAYLOR and Co., 17, Cross-street, Manchester.

TO CAPITALISTS, AND OTHERS.

A HALF SHARE in a very PROMISING LEAD MINE (situate about a mile from the Great Muera Lead Mine) TO BE SOLD. Immediate application to be made to ALBERT BURY, Sharebroker and Valuer, Wrexham, North Wales.

THE EGLWYSEG EXTENSION LEAD MINES, near LLANGOLLEN, TO BE DISPOSED OF, to a new company.

Apply to Mr. DYEB, Parya Lodge, Amlweh, North Wales.

BUDNICK CONSOLS TIN MINE, 1000 shares only, £4 paid.— A FEW SHARES FOR SALE, at par.

Also, NORTH TRESKERBY MINING ASSOCIATION and MINES PURCHASE.

Address, E. MALLETT, Oxford Villa, Mostyn-road, Brixton, Surrey.

FOR SALE, an ELIGIBLE STONE COAL COLLIERY and FARM LEASE, with POSSESSION.
The Lease of a Stone Coal Colliery, in full work, drained by water-power, all of bost anthracite quality, with a railway direct to the port of shipment.

TO BE LET, ON LEASE, for a term of years, SEVERAL AGRES of LAND, sultable for MANUFACTURING PURPOSES, advantageously situated on the south bank of the River Type, about two miles below Newcastle-on-Type, and within a quarter of a mile from the North-Eastern Bailway. There is a good quay frontage, with deep water.

Apply to Mr. T. S. Bramwell, King-street, Quay-side, Newcastle-on-Tyne.

MIDLAND BAILWAY.

NEW ROUTE TO AND FROM SHEFFIELD.

THE NEW AND DIRECT LINE OF RAILWAY between SHEFFIELD and CHESTERFIELD IS NOW OPEN, placing Sheffield upon the Main Line of the Midland Railway.

An IMPROVED SERVICE of EXPRESS and FAST TRAINS has been established between Sheffield and London; through carriages by all trains.

REDUCED FARES have been put in operation between SHEFFIELD and LONDON (St. Fancras), and other places in the SOUTH and WEST of ENGLAND.

For particulars, see Time Tables issued by the company.

Derby.

JAMES ALLPORT, General Manager.

EXTRAORDINARY DISCOVERY OF TIN IN CORNWALL.

EXTRAORDINARY DISCOVERY OF TIN IN CORNWALL.

THE TERRAS TIN MINING COMPANY (LIMITED),

STATEPHENS, near ST. AUSTELL. CORNWALL,

Was recently formed with a nominal capital of £25,000, in shares of £1 cach, which are fully paid. The whole of the shares were at once and eagerly taken up, principally by gentlemen who are thoroughly conversant with Tin Mining, and residential in the county.

Independent of the several valuable tin lodes traversing the sett, from which large and profitable results are anticipated "there is an extraordinary productive tin-bearing eivan course running through the property for a mile in length, and is from 30 to 50 ft. wide. The whole of the stuff as broken down (which can be worked as an open quarry from 4 to 25 ft deep) will be trammed away to the stamping-mills, one of which is being completed with 48 heads attached; other mills are to follow. The tin-producing stuff is inexhanstible, and proved by undoubted authority that the average yield is 1 cwt. of black tin to 10 tons of stuff. It surpasses anything of the kind ever discovered in this part of Cornwall. This alone, without making any calculation upon the large returns of tin to be extracted from the regular lodes referred to above, would leave a profit on the working of at least 50 per cent. They will have a large parcol of tin ready for the market in June, to be followed by monthly sales, with every prospect of early dividends. Those investors who are fortunate enough to secure an interest at the present low price of 11. 5s, per share (of which a limited number only can be had) cannot fall to make a large profit. It is firmly believed that these shares will go to as many pounds as they are now selling for shillings. Applications for the limited shares should at once be mode to Messrs. Endean and Co., Stock and Sharedealers, 85, Gracechurch-street, London, E.C.

TIN MINING-SOUTH KITT HILL MINE.

Callington, April 19, 1870.—I feel great pleasure in being enabled to OFFER FOR SALE a PORTION of a TIN MINE on the SOUTH SLOPE of KITT HILL, between the Princess of Wales and the Excelsior Mines, and on the same cross-courses. A shaft has been sunk on one of the lodes to the depth of 9 fathoms, and 30 tons and upwards of tin has been risen within the last few months, the lode being 9 ft. wide, and averaging 30 lbs. of tin to a ton of stuff. Steam-stamps, &c., will have to be erected immediately, and to accomplish this it will require a call of 1s. 6d. per share, at intervals of three months—and it has been calculated that an outlay of 6s, per share on 12,000 shares will amount to a sum sufficient to explore this valuable piece of ground: 7000 shares are aircady applied for, the remainder of them are now offered at st. per share. There is no doubt of the mine proving one of the best in the neighbourhood; in fact, some of the best mine agents have given the most favourable reports of the sett.

Purser of the Princess of Wales and Excelsior Mines.

Purser of the Princess of Wales and Excelsior Mines.

P.S.—An early application for shares is recommended, as they cannot remain many days on offer.

INVESTORS IN MINING STOCK are requested TO ENQUIRE INTO the POSITION and PROSPECTS of the SOUTH KITT HILL, EXCELSIOR, and the PRINCESS OF WALES MINING COMPANIES.

Shares in each may be expected to take a very speedy and important rise.

SIOR, and the rather than a special to take a very speedy and important rise. ares in each may be expected to take a very speedy and important rise. I result in the result of the result is a very speedy and important rise. Thomas vosper, callington, Cornwall.

WYDYR PARK CONSOLS MINE.—

Notice is hereby given, that a SPECIAL GENERAL MEETING of the shareholders of the Gwydyr Park Consols Mining Company will be HELD at the office of the said company, St. Michael's House, St. Michael's-alley, Cornhill, in the City of London, on WEDNESDAY, the 4th day of May next, at One o'clock precisely, to take into consideration the desirability of forming the said company into a Limited Liability Company under the Companies Acts, 1882 and 1867, increasing the capital of the company, dividing the shares of the said company, and settling the amount of each share.

St. Michael's House, St. Michael's-alley, Cornhill, London.

Dated this 13th day of April, 1870.

CAPULA SILVER MINING COMPANY

(LIMITED).

Notice is hereby given, that the ANNUAL GENERAL MEETING of the shareholders will be HELD at the offices of the company, 5, Queen-street-place, Upper Thames-street, London, E.C., on WEDNESDAY, the 27th of April, at Twelve o'clock at noon precisely, for the purpose of receiving the report and accounts for the past year, and for other purposes, as authorised by the Articles of Association.

Accounts for the pass year, and to the DEBENTURE INTEREST at the rate of Association.

Notice is further given, that the DEBENTURE INTEREST at the rate of EIGHT PER CENT. PER ANNUM for the half-year to 31st March last, will be PAID at the office of the company, 5, Queen-street-place, E.C., on Friday next, the 29th instant, or any subsequent Friday, between the hours of Ten and Four o'clock.

By order of the Board,
April 22d, 1870.

HENRY SWAFFIELD, Secretary.

THE SCOTTISH AUSTRALIAN MINING COMPANY THE SCOTTISH AUSTRALIAN MINING COMPANY (LIMITED).

Notice is hereby given, that the HALF-YEARLY GENERAL MEETING of the shareholders of the Scottish Australian Mining Company (Limited) will be HRLD at the London Tavern, Bishopsgate-street, London, on FRIDAY, the 29th instant, at Twelve o'clock at noon precisely, to receive the directors' report and accounts, declare a dividend, and to transact the other usual business.

The Share Transfer-books will be closed from Thursday, the 21st, until Friday, the 29th inst., both days inclusive.

By order of the Directors,

C. GRAINGER, Secretary.

1, King's Arms-yard, Moorgate-street, London, April 18, 1870.

LEAD ORES.

BLACK TIN.

Date. Mine. Ts. c. q. lbs. Price p. ton. Amount. Purchasers. April 21—So. Condurrow...18 14 0 7 ... £77 0 0 ... £1440 2 6—

COPPER ORES. Sampled April 6, and sold at the Royal Hotel, Truro, April 21.

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Mine		ons.		rice			<b>Fons</b>	Pr	ice.	
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TOTAL PRODUCE. 

Average standard......£103 12 0 | Average produce..... coal of best antiractic quality, with a railway direct to the port of sniphenes.

The land saile alone is over £300 per annum.

The Lease is for the term of 2i years, from March 25, 1856; also close to the works an excellent dwelling-house, with garden and lawn, and 80 acres of good hay and pasture land, held under lease for the residue of a term of 2i years, from Sept. 29, 1862. A moderate capital only required.

Apply to Mr. J. H. Bahker, Solicitor, Carmarthen; Messrs. Jones and Morris, Solicitors, Lianelly; or Messrs. James, Solicitors, Merthyr Tydvil.

Names.

COMPANIES BY WHOM THE ORES WERE PURCHASED.

Names.

COMPANIES BY WHOM THE ORES WERE PURCHASED.

Names.

COMPANIES BY WHOM THE ORES WERE PURCHASED.

Names.

Companies.

| Names | Tons | Amount | Tries | Original | Tons | Amount | Tons | Ton

Total.....3082

£ 9904 10 6

Copper ores for sale at Tabb's Hotel, Redruth, on Thursday next—Mines and Parcels.—South Caradon 587—Glasgow Caradon 270—West Damsel 146—Bampfylde 106—Great North Downs 25.—Total, 1114 tons.

Copper ores for sale at Tyack's Hotel, Camborns, on Thursday week—Mines and Parcels.—West Seton 433—West Basset 290—East Grenville 195—East Pool 193—Phomix Mines 189—South Frances 169—New Pembroke 131—East Rosewarns 98—Copper Hill 85—South Crofty 15—East Seton 68—Levant 45—North Crofty 42—Botallack 32—West's Ore 32—Wheal Agar 12,—Total, 2070 tons,

## Notices to Connespondenis.

TIN HILL MINE.—Can any of your readers furnish some reliable information through the Journal, about this mine—as to its position and prospects?—A

DISTANT SHAREHOLDER.

"FIRTUOUS LADY MINE.—Had the letter been authenticated, by the writer name and address being appended, it should have appeared. Mr. Barnar signs his name to all he writes, and it is only fair that those who would question his statements should do the same.

ABERDOVEY MINING COMPANY.—"Investor," and others who have made en quiries respecting this company, should read the prospectus, which appears in another column of this day's Journal.

another column of this way so was a sectived,—" R. W. L.'"—" Amicus "—" Reader "—" T. R."—" T. W." (Liver pool)—" A Shareholder at a High Premium."

## THE MINING JOURNAL Bailway and Commercial Gazette.

LONDON, APRIL 23, 1870.

AMERICAN LEGISLATION ON BRITISH IRON AND STEEL

We have good news from the United States. The House of Representatives, in their discussion of the new Tariff Bill, have got beyond the debate on the general principles, and are now contesting the measure in its details. It has reached the item of iron, and has discussed in the state of the the debate on the general principles, and are now contesting the measure in its details. It has reached the item of iron, and has disposed of the duty upon pigs in a fashion most satisfactory to the British ironmaster. Most of our readers know that the existing duty on pig-iron imported into the States is \$9 a ton. As a sopto Cerberus, hoping thereby the more effectually to secure higher duties upon finished iron and steel than those at present levied, the Committee of Ways and Means, through whom the Pennsylvanian ironmasters were operating, proposed to reduce the duty to \$7. Last Monday, however, they found that they were taken in their own net. To the proposition that \$7 should henceforth be the duty upon pig-iron generally General BUTLEE moved an amendment, bringing down the duty yet another \$2, and fixing it at \$5 a ton. It was a thin House, for out of the whole number of representatives 98 members were absent, and we are thankful they were. Their absence left the free traders with just a majority. After several hours' debate General BUTLEE carried his amendment by two votes, the numbers being for it 66, and against it 64. As an augury of the future, it is most gratifying that so many representatives were out of the House. As relating to the future of the measure, the debate upon the pig-iron duty was, undoubtedly, of great importance, and if there had been a large amount of heartiness in the protectionist ranks one might have looked for a strong muster when the question of pig-iron came on. It is clear, however, that the absence of heartiness of combination necessary to enduring success is becoming more and more apparent throughout the forces of the American ironmasters, log rolling and lobying to the contrary notwithstanding. In the United States there are now 445 blast-furnaces. Whilst the majority of the proprietors of these do not object to the reduction of \$2, expecting to recoup themselves any loss by increased rates upon the finished article, still there was a minority who objected even to the redu selves any loss by increased rates upon the finished article, still there was a minority who objected even to the reduction to \$7. By a fall to \$5 all are alike alarmed, and it is intimated that Pennsylvanian masters rather than that should be the case would abandon the whole Bill. They do not seem prepared to do this at present, but they respond to their defeat, thus far, by the customary threat of having determined to reverse General BUTLER's resolution when the Bill is reported in the House from the Committee. The result of such a threat, if the question were one under debate in the British Parliament, we could easily apprehend; but the issue of such a step in Washington cannot be forecast with so much certainty. Still we think that the step which the House has taken will prove irrevocable; and we warmly congratulate the proprietors of blast-furnace property in Wales, in Scotland, in the North of England, and in Lancashire, upon the improved prospects of their trade with the United States which General BUTLER's success foreshadows.

Recently there has been an encouraging increase in the exports of

which General BUTLER's success foreshadows.

Recently there has been an encouraging increase in the exports of British pig-iron to the United States. It is true that America does not take from us all that it ought, and, as compared with what it would take if the duty was not so enermous, the quantity going out is very small. Still, the alteration is in our favour. In the last month of 1869 the worth of the iron of this class sent to that country from the British furnaces was no more than 17,436L, but that was hard upon twice the worth of that sent out in December, 1868, when it was assessed at a value of mercly 247L. The increase went on in hard upon twice the worth of that sent out in December, 1868, when it was assessed at a value of merely 9477?. The increase went on in the first month of this year, when it stood at 11,000%, over January, 1869. In February the returns still showed a progress in the value of the pig-iron bought from us by America. Much of the increase is, doubtless, owing to the higher value of the best hematite brands requisite for making steel by the Bessemer process. The increase in value does not, therefore, correctly represent the increase in quantity. At the same time, there is, undoubtedly, more steel-iron going out, for, as will be seen below, the American people are diligently replacing, in not a few instances, iron rails with those made of steel.

What was done in the Washington House of Representatives on Tuesday night is hardly less satisfactory than that we have recorded in respect of the discussion there on the night before. Again, our Pennsylvania friends were beaten, though they fought hard to make

In respect of the discussion there on the night before. Again, our Pennsylvania friends were beaten, though they fought hard to make the best of the opposition with which they were met. Again there was a small House, notwithstanding the immense trading significance of the business to be done; and let it be understood that the fight upon the proposed duties on iron and steel is understood in the States to be the great battle in the whole campaign which the Tariff contest represents. On Tuesday night the future duties upon cast and wrought agranting were to be fixed. The Pennsylvania members proposed to scrap-iron were to be fixed. The Pennsylvania members proposed to make the duty i cent per pound on the first, and i cent on the other, but they were unsuccessful. General SCHENCK, who has charge of the Bill, in his capacity of Chairman of the Committee of Ways and the Bill, in his capacity of Chairman of the Committee of Ways and Means, and who is a republican from Ohio, then succeeded in getting the duty upon cast-scrap fixed at \$5 a ton, a reduction of \$3 upon the present duty. Coming again to the front, the protectionists showed fight upon wrought-scrap. Unable to get \$1 cent per pound fixed, they proposed the maintenance of the present duty of \$8 a ton. Beaten upon that, and determined to fight every inch of the ground, they then tried to carry \$7. Here, again, they were defeated. The gallant hero of the night before thought his time had now come. General BUTLER proposed to make the duty on wrought-scrap the same as that to be imposed under his amendment upon pig-iron. He moved that \$5 per ton should be the new duty. The good fortune which distinguished him on Monday night was not now his to tune which distinguished him on Monday night was not now his to command,—his amendment was lost. A medium course was adopted, and \$6 fixed, on the motion of General Logan. The extent of the numerical victory was much more conspicuous than on the previous night, the majority being 15 in favour of the more liberal policy. night, the majority being 15 in favour of the more liberal policy, notwithstanding that the representatives who voted numbered only one more than on Monday night. The total number of votes recorded in the divisions upon scrap-iron was 127, as against 126 in those upon pig-iron. The votes on Tuesday night were 7 to 1 for the successful amendment, against 56 opposing it, as compared, it will be seen, with 66 and 64 on Monday night. On that night 98 members were absent from the House, and on Tuesday 97. The result of the two nights debags is in every respect cheering.

the two nights debates is in every respect cheering.

The protectionists have a majority in the House, and upon the cotton duties, for instance, the free traders were altogether unsuccessful in their efforts to reduce the tariff, the protectionists rallying to the support of individual interests. Here, however, when those duties are discussed upon which the protectionists were supposed to be the strongest they are beaten, and whilst the first manufacturing industry of Great Britain gets no relief the third is thus far conspicuously su essful. The result of the divisions on Tuesday night was not only o reduce cast-scrap \$3, but wrought-scrap \$2 a ton as compared with ne present duty. Verily, the Pennsylvania ironmasters had been cessful. The result of the division of a large and a large with the present duty. Verily, the Pennsylvania ironmasters had been coaching up the House to curse their enemies, yet the House has altogether blessed them. And how could itdo otherwise? The rapidity of the progress of free trade views in the States is something extraordinary. If the rest of the proposed alterations are disposed of after the fashion like the rest of the debates upon piction and soras-iron, the turn which has marked the debates upon pig-iron and scrap-iron, the turn

of the cotton lords of Lancashire will quickly come. Iromasters must not, however, be too sanguine, encouraging as are their prospects as an industry. The duties on finished iron and steel have yet to be debated. Steel rails have fallen from \$150 to \$79 a ton, gold, and the producers in America use that fact in appealing for a very great increase on that commodity. But will Congress comply with that request? Rather, will they not regard the reduction in price as a gratifying evidence of the benefits of competition between foreign and domestic producers, and instead of increasing the price to benefit manufacturers reduce it to advantage consumers? Although it is only six years since steel rails were laid down upon the permanent way of American lines, yet there are now 1200 miles of steel rails being run over in different parts of the United States and Canada. This is 34 per cent of the railway mileage of the States, and represents a total weight of 100,000 tons. The advocates of the higher duties have promoted a petition, bearing 36 signatures; of these, 33 are representatives of leading railroads, a majority of which are located in or running through Pennsylvania, and induce the inference that the petitioners are much more interested in the steel works there than in the railroads. The signers claim that they have laid more than three-fifths of all the steel rails used in America. Are they correct? Commodore VANDERBILT denies that they are. Our commodore is President of the New York Central and Hudson River Railroad Companies. He is once known to have declared himself the most confounded fellow for knowing nothing that ever lived; but it is clear that this know-nothing attainment does not apply to his knowledge of the line of which he is the President. of the cotton lords of Lancashire will quickly come. Iromasters must

that ever lived; but it is clear that this know-nothing attainment does not apply to his knowledge of the line of which he is the President. He declares that he has used fully one-fifth of all the steel rails laid down, and one-third of all the steel rails imported into the States; yet he has not signed the petition, nor does he intend to doo, stating, on the contrary, that his line, which was the first to adopt steel rails, intends to continue replacing iron with steel as rapidly as the earnings and price will warrant. Upon this very threatening part of the Bill we have, therefore, influential opposition on the part of railway men, who produce ugly facts in support of their case, and they are being supported by the western farmers, amongst others. The discussion upon the clauses of the Bill yet to be introduced may well be looked forward to certainly with composure, if not, indeed, with great satisfaction, by the ironmasters of Great Britain. If all should go as well as the debates of Monday and Tuesday the result will be most beneficial to that interest. Coal may then be fairly expected to get relief, the more so as General SCHENCK would advocate a reduction of 20 per cent, on the existing duty, if he could

advocate a reduction of 20 per cent, on the existing duty, if he could get the rest of his committee to support him.

#### THE MORFA COLLIERY EXPLOSION.

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Lord Chief Justice BOVILL, in his charge to the Grand Jury at the Assizes held in Swansea, took occasion to refer to the investigation of colliery explosions and colliery accidents generally by coroners' juries. His lordship did not hesitate to infer pretty plainly his opinion that coroners' juries should not be the sole tribunals for the investigation of such cases, aptly remarking that at such enquiries all sorts of statements were admitted, matters utterly irrelevant to the point at issue were introduced (which would not be admitted in any court of justice as evidence), and that nobody knew against whom the statements were intended to point. These observations of his lord-ship were made pending the coroner's enquiry into the Morfa Colliery explosion, and had they been intended to have special reference to that unfortunate calamity they could not possibly have been more fully verified by subsequent events. We do not mean to imply that the coroner and the jury were not most anxious to efficiently discharge their duty, and to make the enquiry most searching and complete; but we contend that a legal gentleman and a body of shopkeepers are, from the very nature of things, incompetent to form a correct opinion upon questions purely scientific, or to unravel the intricacies of the ventilation of a mine, and other questions upon which difference of opinion exists amongst those who are fully versed in such matters. That the Morfa enquiry, which terminated on Thurday last, was most searching and patient—in fact, absolutely tedious—will be at once evident when we state that the jury sat nine whole days, and that no less 47 witnesses were examined. That the coroner and jury were competent to scientifically, and consequently properly, investigate the origin of the catastrophe is an altogether different matter, and upon which subject the great majority of those conversant with colliery operations will agree with Lord Chief Justice Bovilli his observation just quoted.

As the explosion took p

SOYILL in his observation just quoted.

As the explosion took place so long back as Feb. 14 last, it will be secessary that we should very briefly state the leading facts conected with the unfortunate event. The Morfa Colliery, situate at out Talbot, Glamorganshire, is one of the most extensive in the interior and the state of the second state of the second state of the second district, generally speaking employing some 200 or 300 mea. It belongs to the Messrs. VIVIAN and Sons, gentlemen proverbal for their solicitude for the interests and welfare of their men, and their anxious desire to carry out all operations of the colliery (altogether irrespective of expense) upon the most approved scientific principles. The colliery, worked with safety-lamps, has two shafts, and has such abundant ventilation that, after the explosion, the "poor sufferers were almost frozen by the great draft of air." Mr. WILLIAM GREY, were almost reozen by the great draft of air." Mr. WILLIAM GREY, the manager, brings to bear in the working of the coal a practical experience in the colliery of upwards of 20 years, and is a man of acknowledged ability. These facts, gathered from the evidence, would induce us to believe that it was almost morally impossible that an explosion of any extent should occur; but, unfortunately, the colliery is of a very flery character, and we are afraid that, not-withstanding the extreme care and caution with which it is worked, selentific mining knowledge has not yet attained such perfection as scientific mining knowledge has not yet attained such perfection as to conquer the deadly enemy—explosive gas; and until we have made far greater progress in such knowledge, or until we work our coal upon altogether different principles, explosions will occasionally occur—baffling scientific skill and human ingenuity.

occur—baffling scientific skill and human ingenuity.

In the great majority of colliery explosions, the two questions upon which the jury are called upon to give an opinion are—first, "How did such an explosion occur?" and, secondly, "Is anybody responsible for such explosion?" In the present case, however, a third question arose, in consequence of a theory propounded, to the effect that the explosion was not one of fire-damp, but of gunpowder, placed in the engine-house, used as a closed storehouse, under lock and key, for the use of the sinkers, to keep their stores whilst engaged in sinking the shaft to a lower depth of 80 fathoms. The Coroner, in his summing up the case to the jury, certainly travelled out of his way in censuring the owners and managers of the pit for having advanced such a theory. But with all due deference to the learned gentleman, not only were the parties so deeply interested in this matter justified in what they did, but they would have been utterly indifferent to their own interests had they not so done. The Messrs Vivian knew full well (the explosion having occurred) that the public would intheir own interests had they not so done. The Messrs. VIVIAN knew full well (the explosion having occurred) that the public would instantly rush to the conclusion that it was one of fire-damp—that is the universally accepted theory. Feeling they had adopted every known precaution to prevent accident, and ascertaining that some known precaution to prevent accident, and ascertaining that some 50 lbs. of gunpowder in the engine-house had ignited, or at all events, could not be found immediately after the explosion, they simply stated that it was not one of fire-damp, but of gunpowder. In other words, they pleaded "not guilty" to the indictment which the public are ever too ready to lay against colliery proprietors and managers whenever an explosion occurs. For thus setting up one theory against the other, and asking the public to believe they are innocent until they have been proved otherwise, the coroner has been pleased to say that in his opinion the Messrs. VIVIAN acted somewhat indiscreetly. That statement will be taken for what it is worth by those competent to statement will be taken for what it is worth by those competent to form a sound, unbiassed opinion. In our judgment, formed after a careful perusal of the evidence, the theory that the explosion was that of gunpowder is at least as consistent as that it was one of firedamp; and upon such a scientific point as that, upon which the whole

damp; and upon such a scientific point as that, upon which the whole essence of the enquiry hinged, a coroner's jury is not the most competent tribunal to decide.

The Government Inspector, Mr. T. E. WALES, who was in the pit within a few hours after the fatal occurrence, was decidedly of opinion that the explosion took place in or near the engine-house (where the powder had been stored), and his reasons are, first—because greater injury was done there than anywhere else; and, secondly, because everything was blown inwards from the pit bottom. Mr. WALES believed that, in addition to the explosion of the gunpowder, there was

an accumulation of gas which had leaked out of the old workings of the north drift, which had been stored up, and had passed along the old standage through the "sump" or "stapple" of the engine-house, filling the engine-house itself, and then, forcing its way from there, came in contact with the fixed gaslight at the pit bottom, and was thus ignited. Probably both the gunpowder and the quantity of foul air which exuded from these old workings exploded, and this is, doubtless, the solution of the whole question, and will account for the force of the shock. The engine-house had been cut out of the solid rock, and was always so free from gas that naked lights were used there. Nobody, consequently, had any reason to expect the deadly gas there; and if it exuded from those old workings so imperceptibly that it ultimately exploded, no one charged with the management of the colliery is responsible for a state of things of which they were entirely ignorant until the fatal moment. The ordinary ventilation was more than adequate for the requirements of the colliery, and consequently the explosion was altogether acci.

dinary ventilation was more than adequate for the requirements of the colliery, and consequently the explosion was altogether acidental, and must be numbered amongst that class of unfortunate events which, we are afraid, will occasionally occur, despite the most careful management and most vigilant watching.

We regret to find, for some reason or other which we cannot fathom, that a certain amount of feeling has been thrown into this matter. Not only did the Coroner accuse the Messrs. VIVIAN of indiscretion in having started the theory that the explosion was one of guapowdes, but in his summing up to the jury he stated that the Messrs. Vivian in having started the theory that the explosion was one of gunpowder, but in his summing up to the jury he stated that the Messrs, VIVIAN had not afforded every facility in the enquiry to ascertain the true cause of the explosion. One would have thought that 47 witnesses were sufficient to show, as far as possible, the cause of the accident; but if not the Coroner, and the Coroner alone, is responsible. He had full power to adjourn from day to day, and to examine every single man or boy at work in the pit, either before or at the time of these plosion. No one could have resisted this authority. Why was it not exercised? The Messrs, VIVIAN alleged that they courted the very fullest enquiry—certainly their own interests lay in that direction. In what respect were the wishes of either the Coroner or the jury thwarted? What witnesses were withheld? The new Act for the regulation of collieries is not yet in force. Under that Act the Messrs, VIVIAN would have had to prove (not a difficult task) that they were In what respect were the wishes of either the Coroner or the jury thwarted? What witnesses were withheld? The new Act for there gulation of collieries is not yet in force. Under that Act the Messa, VIVIAN would have had to prove (not a difficult task) that they were not guilty of any breach of mining rules, or neglect of duty. At present the onus rests with the Coroner; he alone had the power to summon witnesses. The law gives the Coroner every control over his Court—probably rather too much latitude—and if the Coroner is not satisfied with the manner in which the Morfa enquiry has been conducted he is himself to blame. We deprecate anything like feeling being imparted into enquiries of this nature. Fortunately such is not often the case, otherwise coroners' inquests would be more fully open to observations such as those of Lord Chief Justice BOYILL, and their utility more widely questioned. In the case of the explosion now under consideration the coroner's jury have exonerated the proprietors of the colliery from all blame, both with respect to the sad catastrophe, and also as to the manner in which the proceedings before the Coroner had been conducted. We candidly state that we attach but little importance to coroners' verdicts in cases of colliery cuplosions, where purely scientific questions are involved; but all unprejudiced minds, capable of forming a sound opinion of the evidence adduced, must see that in respect to the Morfa Colliery it was, at the time of the explosion, most abundantly ventilated, and managed in other respects upon the most approved and scientific principles. The catastrophe was one over which the managers had no control, and the serious consequences of which nobody feels more painfully and acutely than the proprietors and managers themselves.

COALMASTERS' RESPONSIBILITIES. - An important communication pointing out the non-liability, under certain circumstances, of coal masters for breach of General Rules, appears in the Supplement to this day's Journal. It is remarked that if the owner have appointed a competent man as manager the law holds that he has done all that he can do, so that in the event of breach of any of the General Rules the action of damages for compensation is not against the coalower but against the manager. It is thought that this is not the intention of the Legislature, and it is suggested that the matter should be clearly understood whilst Parliament is legislating on the subject. That the Legislature intended the responsibility to be thrown upen the agent is coalended by coalowners to be beyond question, and it is even urged that the placing of the responsibility upon the agent is better calculated to secure safety than by placing it on the owner; since, if the appointment of a competent manager were to afford the owner no relief, there would a great inducement to regard cheapness before competency. Indeed, an owner even quite unacquainted with colliery workings would be almost inclined to go on without a manager at all, knowing that in the event of accident he will have to pay, and, therefore, feeling that by saving a manager's salary he will create a kind of insurance fund to meet his compensation claims. It is to be hoped that Parliament will leave no doubt upon this point. a competent man as manager the law holds that he has done all that is to be hoped that Parliament will leave no doubt upon this point.

AMERICAN COAL AND IRON.—The coal deposits of the United States extend over an area of more than 200,000 square miles, or about 1.50th of its entire superficies. The whole supply mined—anthracite and bituminous—during the past year amounted to 28,047,810 tons, or over one-fourth the coal consumption of Great Britain. Of productive anthracite coal fields only 470 square miles are at present known and worked, and these are found in the State of Pennsylvania, in the so-called "coal regions" of the State, which extend over all that portion known as Schuylkill, Lehigh, Skamokin, Lackswanna, and Wyoming regions. The present actual and available value of these coal fields is greater than the entire area of the bituminous coal, and constitute, with the exception of certain semi-bituminous coal deposits, the sole available supply of the eastern market. During the past year, notwithstanding the severity of the winter of 1867-1868, causing a prolonged closing of the navigation, longer than had been known for 15 years, and, notwithstanding the strikes and serious riots which occurred in the coal districts, rendering it one of the most eventful years for this product on record, the amount sent to market exceeded that of 1867 by 1,161,854 tons. The total product of the State, including the bituminous coal, which has been equally prosperous, cannot be estimated at less than 18,000,000 tons. The consumption of the country seems to keep pace with the production, and no sooner did the navigation by river and canal open than the coal was poured in large quantities into the market, and eagerly bought up. The price fell, and the railroad companies were compelled to trans-AMERICAN COAL AND IRON .- The coal deposits of the United The price fell, and the railroad companies were compelled to transport at a comparatively low and unremunerative rate. Wages also became depressed, and in July the labourers, stimulated by a recent legislative enactment, demanded for eight hours' labour the same wages they had received for ten. A struggle between capital and labour commenced, and mob-law ruled supreme in the Lehigh and Schuylkill districts. The estimated make of iron in 1883 in the Schuylkill districts. The estimated make of iron in 1868 in the United States, according to the report of the secretary of the Iron and Steel Association, was—of authracite pig-iron, 893,000 tons; of coal and coke pig-iron, 146,000 tons; and of charcoal iron, 310,400 tons. Pennsylvania gives 60 per cent, of the whole production. Of manufactured iron the make was 1,127,000 tons.

THE AUSTRALIAN COAL TRADE.—Considerable activity prevailed in the coal trade of New South Wales generally during the six months ending December, and the directors of the Scottish Australian Mining ending December, and the directors of the Scottish Australian Mining Company are of opinion that their trade, considering all the circumstances affecting it, has been well maintained. No change has taken place in the price of coal, which remains 8s. a ton for large screened coal, put on board ship in Newcastle, and all the company's sales of this description of coal have been made at that price, without allowance or deduction any kind. Towards the end of 1869 an effort was made to bring about an agreement amongst the representatives of the various collieries for obtaining some increase in price. Mr. Morris and the region of the could not, in the interest of Lambton, join in the proposed agreement, intimated his readiness to be a party to a moderate rise in the price of coal, if, by the action of such agreement or other means, it should be brought about. This effort failed, and contracts were entered into for 1870 at the old rate of 8s. a ton. The directors, while not coaling to impress upon the superintendent the necessity of doing all he can to obtain a better price for the produce of this company's colliery, continue to leave him to judge of the mode in which that end may be best attained, being our vinced that a matter depending so much upon local circumstances can be best managed by one who is so thoroughly devoted to the interests of the company and intimately acquainted with all the circumstances affecting them in the colony. Mr. GuolDads, the colliery viewer, reports that the relivary, rolliers took, and machinery generally are in good working order: 20 6-ton hopper wagons, of the most improved description, have been purchased and sent from tyrann a class

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gs of ie orRegiand, to be added to the rolling stock. The underground workings are being laid out with a view to present and future efficiency and economy. It may be observed that while the quantity of coal sold by the company during the half-year now under review was greater, the total working expenses of the colliery were less than those of the previous half-year.

FRENCH LABOUR LEAGUE.—Through the exertions of Mr. Th. Pergeline an influential association has been organised in Paris for Pergeline an influential association has been organised in Paris for the suppression of strikes throughout the French empire. The efforts of the association will be directed to relieving the workmen from the tyranny of professional delegates, the evil influence of whom, as a class, is equally felt by employers and employed. Subscriptions are being freely given for aiding the attainment of the object in view, and in January next a prize of 5000 frs. (2001.) will be awarded to the author of the best essay under the title "Suppression of Strikes," pointing out the means (not involving State intervention) most practical, equitable, and conformable with social equality of rendering strikes henceforth inefficacious, and consequently impossible.

#### THE ABERDOVEY LEAD MINES COMPANY.

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A few weeks since we announced that there was in process of formation a company designed to undertake the purchase, and subsequent development on an extended scale, of a property already celebrated amongst the lead mines of Wales, and which it is considered will prove to be one of the most promising enterprises yet brought before the notice of the public; such a company has now been formed under most able auspices, and the purchase of the property arranged on particularly advantageous terms.

In this week's Mining Journal the prospectus of the Aberdovey Lead Mines Company is published, and although therein is given a most comprehensive description of the set, it may not but out of place to recapituate here a few of the more noticeable facts concerning the mine itself, its past history, and future prospects.

The Aberdovey Mines sett, in the county of Merioneth, is situated between the seaport of Aberdovey and the town and railway station of Towyn, being about 2½ miles to the north of the former, and rather a less distance south-east of the latter. The geological position is all that can be desired, being in the heart of the great metalliferous basin of the Principality, and in close proximity to some of the most important and profitable lead mines of the United Kingdom, having the Lisburne Mines on the south, Dyliffe and Van on the east, and the celebrated lead mines of Carnarvonshire on the north; it may, therefore, be confidently stated that the position of the Aberdovey Mines, whether considered from a physical, geological, or mining point of view, is equal to, if it does not surpass, that of any mineral property in the surrounding country.

The settis very extensive, having a run of at least a mile in length

point of view, is equal to, if it does not surpass, that of any mineral property in the surrounding country.

The sett is very extensive, having a run of at least a mile in length on the course of the lodes now being wrought, and a still greater extent in a transverse direction, where the ground is wholly unproved, though strong indications exist of the presence of numerous metallic veins, and where doubtless, on proper investigation being made, discoveries of much importance to the company may be expected.

The surface arrangements on the mine have been carefully designed and well executed. The plant and machinery consist of two large water-wheels, used for pumping, drawing, crushing, and dressing, and all other buildings and necessary appliances for preparing 200 tons of lead ore per month. A further distinguishing feature of the sett, and one which it is impossible to value too high, is the presence of an ample and unfailing supply of water-power, which is stored and regulated in a well-constructed reservoir.

The Aberdovey Mines have been worked for about 15 years; from 1855 to 1862 large returns, amounting to more than 1200 tons, were

The Aberdovey Mines have been worked for about 15 years; from 1855 to 1862 large returns, amounting to more than 1200 tons, were made, and considerable profits realised, though even during that period it is known that little or no energy was displayed in opening up the mine, nor all the possible advantage taken of its known resources, as is evidenced by the large amount of ore ground now standing in the bottom, and which is immediately available for the use of the present company; in fact, the general opinion in the district is that the mine will at once return sufficient to meet expenses, and at the same time provide a by no means inconsiderable profit on the capital invested.

Application for the greater portion of the shares having already.

Application for the greater portion of the shares having already been received by Messrs. Liscombe and Co., the company's brokers, a meeting of the directors has been convened, to be held during the coming week at the offices in Liverpool, when a general allotment of shares will be made, and a plan of immediate operations be decided upon. This undertaking is one of which it is considered safe to predict that resumption of activity under able guidance cannot fail to result at no distant period in such a success as will be a matter of congratulation to all concerned in the formation of the company, and the carrying out of the work.

LEAD MINING IN DERBYSHIRE.—The Peak Forest, or Coal Pit Hole Mine, which is situate near the village of Sparrow Pitt, about six miles from Buxton and four miles from Castleton, was worked about 90 years ago, when a great weight of ore war raised, and large sales at that time were recorded in the barmaster's books. There was much difficulty with the water, which ultimately became unmanageable by the limited appliances then at the miners' command. The mine afterward remained unwarked or nearly so until about manageable by the limited appliances then at the miners' command. The mine afterwards remained unworked, or nearly so, until about 12 years since, when it was purchased by the present company, and apportioned to them in 2000 shares, upon which 3l. 15s. per share has been paid up. The engines, machinery, and working plant are in excellent condition, and the proprietary are being rewarded for their continued perseverance in battling with the almost insurmountable difficulties they have now mastered, and the mine may be ranked amongst the best dividend-paying mines in the county. The first dividend, of 10s. per share, was declared on Oct. 17, 1867; the second on Sept. 28, 1868; the third on Feb. 10, 1869; the fourth on May 31, 1869; the fifth on Feb. 23, 1870; and the sixth on April 1, 1870. It is worthy of notice that the richness of the lode has greatly 1870. It is worthy of notice that the richness of the lode has greatly increased during the last 12 months, and for nearly 500 yards rich ore-bearing ground has been left on the sole of the bottom level, which is 70 fathoms deep. The directors have commenced sinking another shaft at the extreme west end of their workings, and purpose going down with this in the richest part of the mine to as great a depth as its richness and other considerations may justify. The produce is now very great, as is shown by the sales since the beginning of the present year—Jan. 3, 78 tons 4 ewts.; Jan. 24, 68 tons 7 ewts.; Feb. 17, 75 tons 14 ewts.; March 14, 82 tons 16 cwts.; and April 1, 100 tons: making a total of 405 tons 1 cwt. The 100 tons sold on April 1 is the produce of only twenty days' working, and is believed to be the largest quantity of ore ever produced in so short a time within the hundred of the High Peak of Derbyshire. 1870. It is worthy of notice that the richness of the lode has greatly

TIN MINES, AND THEIR PROSPECTS .- The effect of the improved position of the tin market is being very generally felt in Cornwall, and it is considered likely that there will, in the course of a few weeks, be as much animation in Cornish tin mines as there has been in Welsh lead mines. Trumpet Consols, at the meeting on Monday, Tumpet Consols, at the meeting on Monday, declared a larger dividend than before, and the purser was instructed to appropriate the surplus balance, amounting to some 1800%, to the liquidation of the uncharged costs. The mine is said never to have looked better than at present, and it will now be in a really good financial position. St. Just Consolidated and South St. Just time financial position. mines are also regarded as favourable investments by those who are in a position to form a reliable opinion in the matter. The former mine is already in the Dividend List, and the latter is considered to the bold. mine is already in the Dividend List, and the latter is considered to to hold out every practical indication of becoming permanently successful, so that sanguine expectations are entertained concerning it. Some good specimens of the South St. Just tin ore have been received in London, and may now be seen at the company's offices. On Tuesday the tin standards were again advanced, and now stand at 123*l*. to 124*l*. for common, and 125*l*. to 126*l*. for fine. This is no more than was to be expected after the statements which have been made. more than was to be expected after the statements which have been made as to the position and prospects of the tin trade, and it is a still more satisfactory feature that these prices are likely to be at least maintained for a considerable time. The re-working of mines which have been suspended, or nearly so, such for example, as Crenver and Wheal Abraham, owing to the unfavourable position of the different productions as the control of of the tin market, will give much additional employment, and alto-gether the position of Cornish tin mining must be regarded as highly

satisfactory. The Terras Tin Mine is another property which will benefit largely from the improvement in the price of tin. A thorough examination of the workings has been made by a practical miner, who expresses a very favourable opinion of the sett, and states the works are being executed with vigour. The improvement has likewise had a beneficial effect upon the South Phonix Tin and Copper Mining Company, although it is for the latter metal that their mines are chiefly celebrated. Prospectuses of several new and resuscitated enterprises are already in course of preparation.

## REPORT FROM SCOTLAND.

April 20.—The beneficent turn which pig-iron has taken in this market has rendered it a very desirable stock to hold, as well as a very profitable investment for holders in the meantime. The increasing consumption and shipments over those of last year are giving buoyancy to the market, and aiding the adventurous boldness of speculators. Makers are also developing their producing power, and have now their furnaces thus arranged:—

	Brand. Blo	wing.	Out.	Built.	Brand.	Blowing	z. Out	. Built.
	Gartsherrie	14	. 2	16	Eglinton )	B i 17 .	1	8
	Coltness	13	. 0	12	Eglinton	9918.	2	1
	Summerlee	8	. 0	8	Lugar	日三人4.	0	4
	Langioan	7	. 1	8	Muirkirk	E 50   8 .	0-	3
	Govan	3	. 1	4	Portland	MA (8.	3	(
ï	Calder	6	. 2	8	Shotts	14 .	0	4
	Carnbroe	6	. 0	6	Castlehill .	32 .	1	1
					Kinnell	8 .	1	14
9	Monkland	5	. 1	6	Almond	2 .	1	1
	Chapelhall	3	. 0	3	Carron	3 .	1	1
,	Clyde	5	. 1	6	Lochgelly .	2 .	2	4
	Quarter (Clyde)	. 3	. 1	4	Gladsmuir .			
١	Dalmellington	8	. 0	8	Lumphinan	B 1 .	1	5
	Ardeer	4	. 1	5	Bridgeness .	0 .	2	5
	Glengarnock	6	. 3	9		_	-	
	1	l'otal				131	9.0	1.50

This shows an increase of four furnaces in blast over the same period of last year, and there is a probability of one or two more being added to the number, if the high quotations continue. During the week ending yesterday the shipments reached the gross total of 16,385 tons from the whole of the Scotch ports, against 12,918 tons in the corresponding week of last year. This brings up the shipments of the year to date to a total of fully 23,000 tons, even while the imports from Middlesborough show an increase of close on 4000 tons in the same period. The demand for warrants continues this week in unnbated strength, with prices, though tentative, still advancing. Yesterday's market opened strong, then gave way, but in the afternoon an animated business was done up to 58s. cash, and 58s. 3d a month. The announcement on 'Change to-day of a reduction of the duty on iron imported into the United States from \$9 to \$5 a ton, excited the market, and caused prices to advance to 58s. 7½d. cash, and 58s. 10½d. a month in the forenoon, when a large business was done; but in the afternoon there was more quiet in the market, and prices declined to 58s. 3d. cash, and 58s. 6d. a month, closing rather sellers. No. 1, g.m.b., 58s. 6d.; No. 3, 57s. Makers' Iron:—Coltness and Gartsherrie, 66s.; Summerlee, 62s.; Langloan and Shotts, 61s.; all Eglinton brands, 58s. 6d., for No. 1 pigs. The final clearing-off sale of the whole remaining plaut of the Omoa Iron Works, situated in the Wishaw district, is to take place on Monday. The works embrace two smelting-furnaces, with necessary engines and boilers, wagons, ironstone, rails. &c.

clearing-off safe of the whole remaining plant of the Umoa from Works, situated in the Wishaw district, is to take place on Monday. The works embrace two smelting-furnaces, with necessary engines and boilers, wagons, ironstone, rails, &c.

In Finished Iron we hear of little change. Some makers are exceptionally busy, and others are exceptionally quiet. We hear of none that are idle, but of numerous firms whose shifts are pressed to turn out as full quantities of plates and bars as they can. Glasgow, Govan, Blochairn, North British, Coats, and Mossend brands are still quoted \$\frac{8}{2}\], while the other second-class makers are holding for \$7\frac{1}{2}\]. 15s., with the solitary exception of Rochsolloch, who quote \$5\frac{5}{2}\]. leas, and are open for fresh orders. The Staffordshire makers have a good share of the Clyde contracts for plates and angles, still there is a very large business doing here in bars, flat and round, rod and nail-rods, railway chairs and plates—less in angle-iron and pipes. Railway chairs are quoted \$3\frac{1}{2}\]. 15s. to \$4\frac{1}{2}\]; and pipes, \$4\frac{1}{2}\]. 10s. to \$6\frac{1}{2}\], according to size. Rivet and nail making very brisk, at late quotations. There is an on \$dit\$ that the partners of the Mossend Malleable Iron Works are likely to divide, and form two companies shortly. It is even hinted that plans for the works of the new copartnery have been prepared, but beyound the rumours we can learn nothing definite. The threatened strike of puddlers at Holytown is likely to be averted, by the matter—weekly payment of wages—being referred to arbitration. The men seem firmly resolved to carry their view, and are signing a petition to Par-

by the matter—weekly payment of wages—being referred to arbitration, men seem firmly resolved to carry their view, and are signing a petition to liament to insert a clause into one of the Bills now before the House to weekly payments compulsory.

non seem firmly resolved to carry-their view, and are signing a petition to Parliament to finer a clause into one of the Bills now before the House to make weekly payments compulsory.

The firm of William M'Onie and Co., engineers and ironfounders, Greenock, have gone into the Gazette. This firm must not be confounded with the eminent engineering firm of M'Onie and Mirrilee, of this city.

There is a good, but limited, trade doing in House Coal for the coast trade, but in the absence of demand for shipping purposes the market is comparatively lifeless, but fair prices are being realised for the season of the year. The quantity returned for the week just ended as shipped was 30,550 tons, against 17.280 tons, or an increase of fully 13,000 tons on the week. The greater portion of these consignments were for Canadian and Norse ports. The colliers at the pits of the Shotts from Company, at Oakley, bave been on strike for the past 10 days. A great meeting of the Wishaw, Motherwell, and Hamilton miners is prejected for Theaday roat, but fit is tasteneded as the late meetings have been, Mr. McDonaid will have reason to repeat his admonition, delivered a few days ago at Hamilton, when he complained that, "For his pat, he never saw more indifference in his life, when everything told the miners that the yought to have a good wage if they only willed." The miners have learned, to their cost, that an advance of wages is not in the option of him that willeth, and are now rather slower at following Mr. McDonaid into the darkness and misery of a strike. If Mr. McDonaid would only "let well alone," the miners would see themselves when there was a demand, and when was the "prudent." time to will!" and wance. Clyde shipbuilders have their various yards well covered with keels and vessels in various stages of advancement. During the week several launches took place, and include an tron ship of 1710 rons, British measurement, for Nicholson and McGill, Liverpool. She was named the Bonmore, and is a sister ship to the clippers Caram

PARAFFIN OIL.—An important improvement in the process of making and refining paraffin oil has just been patented by Messrs. James Greenshields and Son, of Glasgow, which is expected to effect an economical change in this trade, and to enable the British product to compete more successfully with its American rival. By this process the shale, having been previously ground, is put into the retorts in the urual way, and distilled at a low temperature; but the operation is greatly shortened, and other advantages are obtained. Through the introduction of a very simple dome-shaped apparatus the crude oil is collected on the top of the retort, and by the application of certain gases to it the fine oil and the semi-soild paraffin are separated. In the usual mode of refining the oil there is generally from 35 to 40 per cent. of loss, or waste, consisting chiefly of acid tar, and the manufacturers have found the greatest difficulty in getting rid of this most offensive substance. In the course of their experiments the Messrs, Greenshields discovered that the tar could be employed for mixing with the ground shale before it was put into the retorts, and that by using it in this way they would be enabled to dispense with the vitriol which had hitherto been employed in the manufacture for the purpose of washing the oil, thus materially lessening the cost of production. The patientees have also succeeded in obtaining a larger yield from the raw material. At present shale such as that raised from the West Lothian pits yields about 25 gallons of crude oil, with a specific gravity of from \*890 to \*865; while by the new method the same number of gallons of pure oil can be produced at a specific gravity of \*700 This, how: PARAFFIN OIL.-An important improvement in the process of obtaining a larger yield from the raw material. At present shale such as that raised from the West Lothian pits yields about 25 gallons of crude oil, with a specific gravity of from '800 to '865; while by the new method the same number of gallons of pure oil can be produced at a specific gravity of '820. This, however, does not represent the whole of the advantage of the process, though the reduction of the specific gravity of the oil is a matter of great importance, especially in regard to the highly carbonaceous coals; for, while the 25 gallons of oil obtained under the system hitherto in use contains the pure spirit—the burning oil and the parafilm—the product by the new method consists only of pure oil and spirit, there being, in addition to the 25 gallons of year. From 14 to 18 gallons of semi-soil dparafin. In this way the loss in refining is reduced from 40 to about 16 per cent.; and this residue caucot be properly described as loss, for, as aiready stated, it is employed for mixing with the ground shale in the first stage of the manufacture. The oil is also said to be possessed of superior qualities. The crude, washed and ones distilled, is described as being equal to what is commonly known as standard white; and the third distillation is said to have been mistaken for petroleum. The spent shale has hitherto been a source of great trouble and annoyance to the manufacturers. It has been piled in unsightly heaps all round the works, and large sums have been paid to the owners of adjoining lands for the privilege of depositing it upon the representation in the retorts is fixed and converted into sulphate of ammonia, and the refuse when turned out is found to possess valuable qualities as a deodoriser. Mixed it, equal proportions, it instantaneously renders the mest motions exercte londensive; and while it may be thus employed with advantage by the sanitary authorities of large cities, it may also be found a useful article for the agriculturist. A sample of the refuse when thus mixed has been submitted to P

England, and we believe it is about to be introduced at some of the principal works in the kingdom.

### REPORT FROM THE NORTH OF ENGLAND.

April 21.—Business throughout the North is being much interfered with in consequence of the Easter holidays, and there is really very little to note since our last letter. On 'Change at Middlesborough, on Tuesday, the attendance was small, and the transactions made were of no importance. Last week's firm prices were confirmed, and are the rates at which pig-iron has been sold during the week—54s, for No. 1, 50s, 6d. to 50s, 9d. No. 3, and 49s. 6d. No. 4, net cash on trucks at makers' works, or f.o.b. on the Tees. The demand for pigs is stated to be generally brisk from both home and continental buyers. Foreign enquiries are large, and heavy deliveries are being made to France, Germany, Holland, and other continental ports. Cleveland warrant stores stock shows a further decrease this week of 710 tons, the total remaining now being only 22,334 tons. During the 12 months ending on Tuesday this stock has been reduced 40,503 tons. On April 20, 1869, it contained 62,837 tons. There is no iron being put into the store, and in all probability the entire stock will be cleared out ere long. Rail-makers are as full of work as they possibly can be. The mills are turning out their full quantity, and the shipments for Russia are being rapidly proceeded with, now that the Baltic is reported to be free of ice. For plates and angle-iron there is full enquiry, and manufacturers of this class of iron are heavily pressed to supply the demand. On Monday Messrs. T. and W. Smith, of North Shields, launched a magnificent 1800-ton steamer from their yard. She is intended for the Sucz Canal trade.

A meeting of the creditors of Messrs. J. and E. Lumsdon, shipbuilders and ironfounders, of wonkwearmouth, was held on Monday, under the chalrmanship of Mr. Alderman Tyzaek, the trade assignee, when the total liabilities of the firm was shown to be 28,000., and assets that would yield zs. 2d. in 11. but it was stated that firm expected to be able to pay, by the aid of one of their relatives, 12s. 6d. in 11. A committee of gentlemen was, howeve April 21.—Business throughout the North is being much inter-fered with in consequence of the Easter holidays, and there is really very little to note since our last letter. On 'Change at Middles-

medal suitably inscribed.

The Coal Trade is in a satisfactory condition. Nearly all the Durham
pits are doing well, making ten to eleven days a fortnight. Coals
for manufacturing requirements are in great demand, which is proved for manufacturing requirements are in great demand, which is proved by the immense tonnage shown in the last returns of the North-Eastern Railway Company—indeed, it is stated that the Stockton and Darlington Railway Company never before in the spring since the opening of the railway carried so great a weight of mineral as they had done up to the close of last month. In consequence of the great number of men who have lately left the South Durham district and emigrated to America and elsewhere there is a scarcity of miners felt by some of the colliery proprietors. The output is, nevertheless, very great, and is finding a ready market. Coke is in brisk demand, and the consumption of best coke must increase with extending pig-iron manufacture in Cleveland.

#### TRADE OF THE TYNE AND WEAR.

TRADE OF THE TYNE AND WEAR.

April 21.—The arrivals of vessels in the North-Eastern ports have been very numerous of late, and now that the general foreign and Baltic Steam Coal Trade is fairly opened out the steam coal trade shows much animation. The works are fully employed, and the stocks accumulated during the winter are in many cases decreasing, though somewhat slowly. The Shipping Trade is dull, and freights are very low, steamers being quoted 4s. 9d. and sailing vessels 5s. 3d. per ton. The Iron Shipbuilding Trade on the Tyne is extremely good, and a large number of vessels are in course of building of all sizes and descriptions, but they chiefly consist of large ones. The Iron Trade also continues good in all its branches, and most machine-makers and engine-builders are better off for orders than they have been during the present or past year. The new iron works at Dunston are getting into play, and a considerable amount of iron will soon be produced there. At the immense works of Sir William Armstrong and Co., at Elswick, a great amount of work of all kinds is being done, but particularly the making of artillery of large callbre, an extensive order for very heavy guns having been received for some power abroad, their destivation not being known to the public. A large tract of additional land has been purchased by this company, and great extensions of the works are now going forward, and others projected, so that there is little doubt that these works will become, perhaps, the largest of their class in this or any other country. Of course, this remark applies more particularly to the manufacture of riflel ord'n unce going on here. The Coal and Coke Trades in Durham continue good in most branches. Of course, gas and house coal must be expected to decline a little as the season advances, but the demand for coking coal is very great, and for manufacturing and other coals very satisfactory at present. for coking coal is very great, and for manufacturing and other coals very satisfactory at present.

The arrangement made at the Sheriff Hill Colliery between the

for coking coal is very great, and for manufacturing and other coals very satisfactory at present.

The arrangement made at the Sheriff Hill Colliery between the masters and men has, unhappily, not yet been carried out. A misunderstanding occurred at the last moment respecting some of the arrangements, and it is now quite nucertain when the men will resume work.

The state of matters at Monikwearmouth is much in the same position. It is difficult to avoid concluding that the Union has so filled the minds of the men as really to mick them quite averse to any reasonably fair settlement of the dispute. A large number of the men have struck—indeed, nearly the whole of the regular hewers—but there are a few who continue at work; and most of the shifters and a numerous staff of other grades of workmen continue at work; and many of these will also fill the places of the hewers who have turned out, and will hew coals, so that the masters fully expect to keep the pit open, and if they do this there is little doubt that the number of men will speedily be made up by drafts from other works in the district, and also from more distant places. The amount the men demand as an advance is, according to their own account, 2s. 3d. per man per fortnight, supposing that each man works cleven days per fortnight. And it may reasonably be asked, taking this account to be correct, if this small amount is worth striking for? Atany rate, all other means ought to be tried and exhausted b-fore having recourse to such a violent proceeding, and it is generally thought here that the men have hardly treated the masters in this case with becoming curtesy. However, it is evident from the quite and determined attitude of the owners and managers that they do not intend to flinch from the position which they have taken up, and while they consider to be founded on right and justice; and they are determined to protect the men who continue at work, and to get other men in the place of those who have rashly, we think turned out. It will be recollected

the collery office; and that we pledge ourselves to stand by each other unit our employers concede our reasonable and just demands." Mr. William Clarke seconded the motion. The resolution x:-- that this meeting pledges itself to stand by those brave men who, at great sacrifice to themselves, refused to how at the masters' request, as well as any men who may be marked in the future." The creolution was put and carried unanimously.—The Chairman said he had next to request them, in the name of their committee of management, to appoint 12 men to form a deputation to the owners, should they desire a conference: 13 men were then nominated and agreed to.

About ninety men are now at work at the colliery getting coal, and, as observed above, the owners are fully determined to proceed n course they have adopted—indeed, it is very difficult to see how they cour to therewise, without showing weakness, and, accordingly, the men who have struck work are at once to be ejected from the houses which they occupy, the houses being the property of the owners. This most disagreeable but necessary work is to be commenced this day; and a considerable number of police constables are engaged to assist, and also to protect the men who are at work from insult and injury.

The fined of Mr. S. P. Covox menerical viewer to the collieries

The friends of Mr. S. B. COXON, managing viewer to the collieries owned by the firm of Mr. George Elliot, M.P., and Mr. J. Jonassohn, have presented him with a testimonial of their rogard, consisting of a splendid solid silver candelabrum and epergne, obtained from the firm of Messra. Reid and Sons, Grey-street, Newcastle. The candelabrum is of great height, and the massive base from which the stalk rises is surmounced by three figures, representing Vulcan, Minerva, and Science, the latter bolding in her hand the Davy Lamp. Each of the articles bears the following inscription:—"Presented to Samuel Balley Coxon, mining engineer, Usworth Hall, county of Durham, by 487 subscribers, in appreciation of the emi-

nent virtues of his character, whereby he has won for himself high distinction in his profession, and enduring regard in the hearts of his neighbours and friends, April, 1870." Mesers, George Elilot and J. Jonassohn had arranged to present Mr. Coxon with a testimonial, independent of that given by his friends and neighbours, and their gift of a magnificent silver tea and conce service now stood side by side with the other plate. Upon the teapot was insarched.—"From George Elilot, M.P., and John Jonassohn. to Samuel Bailey Coxon, as a token of their appreciation of his long and intelligent services in the management of their colleries, April 1870."

The presentation took place after a dinner, served in excellent style at Mr. H.

Elliot, M.P., and John Jonassohn. to Samuel Batiey Coxon, as a token of their appreciation of his iong and intelligent services in the management of their collieries, April 1870."

The presentation took place after a dinner, served in excellent style at Mr. H. J. B. Carmon's, Queen's Head Inn, Gateshead. About 100 gentlomen partook of the repast, the Rev. Mr. Thackeray, M.A., presiding, and Messrs. N. Norris and G. Forster in the vice-chairs. After the usual loyal and particulte toasts had been given, the Chairman rose to propose the toast of the evening, and make the presentation. He said that the demonstration of that evening was happly no: a case of a gentleman leaving the neighbourhood. They had determined to give Mr. Coxon a testimonial of their regard while he was yet amongst them, and it was their wish that he might long remain amongst them. After some further remarks the Chairman proceeded to make the presentation in due form, and in conclusion trusted that Mr. Coxon would be long spared to use the beautiful articles presented to him by the subscribers to the testimonial fund and by Messrs. George Elliot and J. Jonassohn. He then proposed Mr. Coxon's health, and the toast was drunk with rounds of cheering and musical honours.

Mr. S. B. Coxon, in rising to respond, was received with applause. He returned thanks for the magnificent testimonial presented to him, for the remarks which the Chairman had made in presenting it, and for the warmth of the reception which he had received. The good old book said from the fulness of the heart the mouth speaketh, and he could assure them that his heart was so full that his tongue would not give utterance to the varied thoughts which camaupon him. He was happy to think that he had inspired such feelings of friendship and esteem, and he feared that his life would not be sufficiently long to enable him to pay such a debt of gratitude as he found he owed. After some further remarks, Mr. Coxon concluded amid prolonged applause.

Mr. GEORGE ELLIOT, M.P., in responding to

#### REPORT FROM DERBYSHIRE AND YORKSHIRE.

April 21 .- There is very little alteration in the state of the Iron and Coal Trades since last notice. The iron works continue to be tolerably favourably off, there being some few orders in hand for pipes and general castings. The collieries, considering the season, have been kept well going, and the trade to London, so far, has been well maintained, the quantity going there from Clay Cross alone being upwards of 1000 tons per day. There is an increasing de-mand for steam coal, and which it is expected will shortly become really active.

The iron establishments in South Yorkshire are kept well going, more particularly in rails, general railway material plates, and other qualities of manufactured iron. At the Bessemer works, also, busi-ness is really brisk, and will doubtless continue so, there being some extensive orders for rails, as well as for other qualities of steel. The demand for House Coal continues moderately good still, and a fair quantity has been forwarded to the metropolis during the week. In Steam Coal there is a little more doing, and the prospects of the trade are more encouraging. The arrangements and mode of shipping coal from Grimsby have long been in a very unsatisfactory state, and on Saturday last a meeting of the coal owners was held at Doncaster on the subject, when the matter was fully gone into; but for caster on the subject, when the matter was fully gone into; but for reasons that will be apparent it was not considered in the present po-sition of the question that the course to be pursued, or the decision come to, should be made public, the meeting in a great measure being of a private character.

or a private character.

Mr. Huntsman is about to re-open the Manor Castle Pit, and the preparations for carrying this intention into effect are being actively

## REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

April 21.—There is a steady continuous improvement in the demand for iron. Buyers appear at last to have arrived at the conviction that prices are not likely to be lower, and are ordering more freely. Present appearances indicate the probability of a good summer trade. The demand for manufactured iron is operating favourably for producers on the price of pig-iron, for which 2s. 6d. per ton more is now asked, and at any rate partially obtained. The improved demand for hematica pigs, consequent on the reduced improved demand for hematite pigs, consequent on the reduced royalty on Bessemeriron, has a good deal to do with the stiffening of the pig-iron market. This iron has now for some years formed a very important mixture in the production of the best Staffordshire brands, important mixture in the production of the best Staffordshire brands, and its price very greatly affects that of the native pig-iron, with which it comes largely into competition. It is, however, the best iron for conversion into Bessemer steel, and the increased production of steel rails, and the more extensive employment of that metal in construction generally, now that the fall in the royalty so much abutes the cost, must tend to raise the value of hematite pigs, at any rate until the production can be increased in proportion to the enhanced demand. Barrow hematite pigs are now firm at 31. 17s. 6d., and the quotations for local brands are—cold-blast, 4l. 10s.; all-mine hot-blast, 3l. 15s. to 3l. 17s. 6d.; cinder, 2l. 15s. to 3l. There are now 104 blast furnaces going in South Staffordshire, which is considerably more than for some time past. ably more than for some time past.

ably more than for some time past.

Messrs. Onions, of Dudley Port, are building a blast-furnace 75 ft.
high, somewhat after the style of those on the Tees, and some curiosity is felt to see whether it will answer with the South Staffordshire
material. A writer in the Wolverhampton Chronicle, who is equally conversant with the two districts, does not speak hopefully of the

experiment.
The Hardware Trades of Birmingham and of South Staffordshire appear to be improving in almost all branches. Both home and foreign merchants report an improved demand, and a better feeling with regard to the future.

Amongst the hopeful signs in the commercial horizon none is more

encouraging than the indications presented of the growth of free trade views in the United States. Certainly nothing could more strikingly show the prevalence of the shallowest notions in that country than the recent message of the President, in which he speaks of all the money paid for the freight of American goods as so much flung into the sea, so far as America is concerned. Surely, the Ame-ricans who paid the money had value for it, they did not pay it from an impulse of benevolence. If American labour could have built the an impulse or benevolence. If American labour could have built the ships, and manned them, yet the labour was diverted from that source because it could produce more in others, and this applies to all pro-ductions. No doubt the Americans are suffering from the high price of iron, consequent on their restrictive fariff, and that renders it impossible for them to compete with countries not so burdened. Yet the shrewd man who conquered the South never proposes to cut the bond which ties a weight to the shipping trade. In the House of Representatives, however, a juster appreciation of the facts of the case appears to prevail, and the attempt of the manufacturers to raise the import duties has been met by a division in favour of reducing them on pig-iron. This looks like a recovery from the proa weight to the shipping trade. In the House ducing them on pig-iron. This looks like a recovery from the protectionist delusions which have so long beclouded the Yankee mind, and we may hope that the West and South, which depend on the production of raw produce, and being manufacturers, will at length resolve to free themselves from the heavy taxes they have long paid in the interest of the New England manufacturers. And the result of the census of the present year will greatly increase the power of the Western States in Congress, so that we may reasonably look for the default if not the break up. of the protectionist ring.

the Western States in Congress, so that we may reasonably look for the defeat, if not the break-up, of the protectionist ring.

At a meeting of North Staffordshire miners in Hanley, last week, a resolution was adopted in favour of an eight-hours Bill, and of additions to the Mines Regulation Bill of the Home Secretary, making the following provisions:—The Bill to be extended to all mines. Children between the ages of 12 and 14 not to work more than 50 hours per week, and between 14 and 16 not more than 56 hours per week. Children between the ages of 10 and 16 to attend school a certain number of hours every week. All wages to be paid weekly. All coal got to be paid for by weight, and not by measure.

The failure to secure compliation amongst the proprietors of sol.

got to be paid for by weight, and not by measure.

The failure to secure combination amongst the proprietors of collectes at Tunstall, in North Staffordshire, to prevent the flooding of mines is being followed by the anticipated disasters. The stoppage of the pumping engus at the Pinnox Colliery led to the flooding of three others. To some extent, however, the flooding has been kept in check by the pump of the Bycars Colliery,

ake another considerable addition to the number or manufacture, the flooding of the mines. It is feared that other collieries in the disshortly be closed from the same cause. The Tunstall and Burslem mars are being supplied with coal from the outlying collieries, at doubt the higher price than they have been hitherto paying.

ufacturers are being supplied with coal from the outlying collieries, at doubtes a much higher price than they have been hitherto paying.

Mr. Matthew Williamson, of Brownhills, who for upwards of 14 years as filled the office of cashler to the Caunock Chase Colliery Company. to the tire satisfaction of his employers and his follow-workmen, has been presented ith a silver to and coffee service, value 501., of elegant workmanship, and a cautifully engrossed address.

#### REPORT FROM MONMOUTH AND SOUTH WALES.

April 21.- Easter being the advent of holiday making, it may well April 21.—Easter being the advent of holiday making, it may well be supposed that little worthy of notice has transpired in connection with the Iron Trade since last week's report. Nearly all the establishments have lain partially idle, and a short cessation in business is observed throughout this as well as adjoining districts. Makers have seized upon Easter term as an opportunity held out to them of enjoying a brief respite from the arduous planning and speculating which the uncertainty of the trade since the commencement of the year has forced upon them. The general feeling amongst them is, doubtless, one of congratulation for having now made way through the worst part of the year, together with a feeling of satisfaction for the gratifying results which have followed the earnest and steady perseverance which they have shown in maintaining prices, not withperseverance which they have shown in maintaining prices, notwith standing all the influences brought to bear against them. It is obvious, also, to a gratifying extent that the workmen have some participation in these beneficial results, for being now in receipt of an advanced rate of wages they can the better afford to devote a few days to relaxation from the scenes of their every-day labours. This pleasing state of things, however, is only to be of short duration. It is anticipated by most of the manufacturers that the present is about is anticipated by most of the manufacturers that the present is about to open up a period of activity such as has not been known for some years, and which will, in all probability, last out to the end of the summer months; and, accordingly, they have not neglected to make such arrangements for the future as will, no doubt, be equal to its requirements. The present extraordinary weather will, it is expected, be the means of bringing into the market an early accession of business, and contracts that under a less auspicious season would be reserved for some weeks yet will now be given out without further delay or restriction. This remark is applicable more especially in reserved for some weeks yet will now be given out without further delay or restriction. This remark is applicable more especially in reference to the expected trade with the Northern ports of Russia. Delivery by steamers to those ports will, with a continuation of the present weather, be rendered practicable even at an earlier date than was anticipated by the most sanguine; and, as the trade will thus be carried on much more expeditiously than it otherwise could, it will naturally follow that the expected large engagements on account of the Russian railways will be secured and in course of execution at the various works earlier than could have been the case in count of the Russian railways win be secreted and in course of eaction at the various works earlier than could have been the case in an ordinary spring. Some considerable clearances have latterly been made, both to the Russian and American markets, chiefly railway material, and it is likely that the United States requirements will continue large for some time yet. Enquiries from the continental markets are increasing, and they are likely to become considerable sources of employment for this district during the summer. Home havers are gradually entering into more extensive purchases, and buyers are gradually entering into more extensive purchases, and this department of the trade is improving. For pig-iron the demand is moving, and bars and other miscellaneous descriptions are in better request. In regard to prices, the market is as last week—firm.

In the Tin-Plate Trade there is an improving enquiry, but makers'

profits are further advanced by the price in tin.

## THE AMALGAMATED ASSOCIATION OF MINERS.

A Conference of delegates of the various lodges of this Association was opened at the Town Hall, Wrexham, on Monday. Mr. T. HALLIDAY presided, who, in opening the proceedings on Tuesday, said the Association was composed of a large body of miners, not only from Lancashire, but also from Staffordshire and North and South Wales. Their wages must be increased, greater security to life provided, and various other grisvages and the Association would be the

Association was composed of a large body of miners, not only from Lancashire, but also from Staffordshire and North and South Wales. Their wages must be increased, greater security to life provided, and various other grievances redressed, and the Association would be the great lever for effecting those objects. He had been one of a deputation who endeavoured to connect the Association with the national one; but the latter were not prepared to enter into an alliance which would require the taking up of the wages question as one of the rules of the combined associations. The Chairman then reviewed the state of the wages question in Lancashire. In his own district, he said, after a fight of 10 days, the men obtained the advance of the present. In South Wales also, as well as in other districts, through the means of the Association, an advance of wages had been obtained; and he believed that at the present time the advance of wages obtained amounted to from \$30,800, to 790,500, per annum. With regard to the eight-hour question, he was glad to see that the principie was conceued by the maters, not only in the Wigan but in nearly all other districts. To make their principles and objects known, men must be sent into Staffordshire and into North Wales. Referring to the Mines Regulation Bill, the Chairman said they wanted more inspectors, and a more perfect system of inspection. He contended that it should be canacted that all coal -bould be paid for by weight, and wages paid weekly, and that the truck system ought to be entirely abolished.

Reports were then presented. From Wigan it was reported that the members were nume ically as strong as at the last Conference, and that the eight-hour system was being generally adopted. In Farnworth and Kearsley there had been an slight decrease of members. In North Staffordshire good progress was being made, and this, it was stated, would be not increase in the number of members belonging to the Association. In the Wigan, Kearsley, Farnworth, and Worsley districts were thoroughly s stated, the feeling of the men was in favour of working only eight hours—
e delegate from North Staffordshire stated that any attempt to encore the
tem in the places which he represented would cause a severe struggle beean the men and masters.—The Chairman said that in Lancashire there were
out 40,000 miners, about 12,000 of whom were in the Wigan district, where
system of eight hours daily work was now being carried out, and it was for
see present to say what course should be taken in those districts where the
tem had not been adopted.—Several delegates stated that the attempt to
force the system in their localities would meet with the opposition of the
sters. A long dissensation ensured as to what should be done with reference

enforce the system in their localities would meet with the opposition of the masters. A long dissension ensured as to what should be done with reference to such men as should be deprived of their work wing to the inforcement of the systems. Ultimately it was unanimously agreed that the carrying out of the eight-hour system should be left to the Executive Committee.—The question of the appointment of qualified persons, to be paid, for visiting various colliery districts and agitating in favour of the eight-hour system, and other objects of the association, was next considered. A delogate, named Lewis, who, it is stated, spoke English and Welsh with fluency, was appointed by the Executive Committee to visit certain districts where it was deemed necessary.

On Thursday, the CHAIRMAN, in commencing the business, called attention to the Mines Regulation Bill, which had been introduced in the House was to be of any real value, there must be additions must be made. Amongst others, it was essential, if the inspection of mines was to be of any real value, there must be additional inspectors—mean with real practical as well as theoretical knowledge—appointed. It was also necessary that there should a clause to the effect that where men are working with real practical as well as theoretical knowledge—appointed. It was also necessary that there should a clause to the effect that where men are working in a colliery during the night there chall be an engine-driver at the top draw them up in the event of anything serious occarring.—A DELEGATE stated that in he had never seen an inspector in any colliery he had been connected with.—The CRAIRMAN said it appeared that the National Association of Minerathough the Automatical state of the effect that where men are working in a colliery during the night there chall be an engine-driver at the top to draw them up in the event of anything serious occarring.—A DELEGATE stated that he had never seen an inspector to any colliery he had been connected with.—The CRAIRMAN said it appeared t

children being employed in mines 125 days more in the year than those weing in factories. The amendment is to be moved by Lord Eicho that all childs

children being employed in mines 125 days more in the year than those work, in in factories. The amendment is to be moved by Lord Bicho that all children, in legal to the control of the

THE BRAGANZA GOLD MINING COMPANY.—This company has been very fortunate in obtaining the services of Mr. W. H. Richards, late manager of the Taquaril Company, than whom they could not have had a more competent and active superintendent. This gentleman has had more than 20 years experience of gold mining in Brazil, 12 of which were in the service of the St. John del Rey Company, so that he has been brought up in the best school; and he is certainly justifying the high character he holds as a mine manager, for in less than four months after his arrival on the mine he had not only cleared the ground and workings, made roads, and put the buildings in order, but had well proved the immense range of auriferous alluvial deposits, and had cut two lodes, one of which yielded 8 ozs., and the other 4 ozs. of gold to the ton. The average produce of the St. John del Rey ore is only ½ oz. of gold per ton, from which, however, that company has paid nearly one million sterling in dividends on a capital of 115,000%, while the Don Pedro Company, the ore of which yields about 1 oz. to the ton, has been paying 100 per cent. per annum in dividends on a capital of 53,000%, so that even with a much lower produce than those of the two lodes recently cut at Braganza annum in dividends on a capital of 53,000%, so that even with a much lower produce than those of the two lodes recently cut at Braganza that company's mine ought to yield a larger percentage of profit than either of the others, as the capital required is smaller. Particulars of the telegrams announcing the cutting of these two lodes, and of the operations being carried on to render the property quickly productive, will be found in our advertising columns. It is stated that the Braganza Company's mine has been developed far more rapidly, and at much less cost, than that of any other company in Brazil.

PACIFIC.—The advices just received are to the effect that Lander PACIFIC.—The advices just received are to the effect that Lander Hill Mine is opening out in a satisfactory manner, while at Union Hill Mine the lode in the shaft continues its size and strength, show-ing free gold. According to Captain Scaddon, a new level will be gained about the middle of May, this will give 15 fathoms of backs, by which the returns and profits may be expected to increase

SWEETLAND CREEK .- A telegram has been received from the Bank of California, intimating that the transfer of the mines to the company had been effected. Capt. Evans, who has been specially sent out to inspect mines on the Pacific Coast, telegraphs that the profits are equal to about 70%, per day, and that the property is of a very valuable character.

The Peking Government have sanctioned a proposal to work coal mines by means of foreign appliances; and steps are shortly to be taken for sinking shafts.—Overland China Mail.

## WATSON BROTHERS,

#### MINING AGENTS, STOCK AND SHARE DEALERS, &c. 1, ST. MICHAEL'S ALLEY, CORNHILL, LONDON.

ALLUVIAL MINING, AND THE AUSTRALIAN UNITED.—In the Ballarat district, wherever the bottoms of the old rivers have been reached, the wash-dirt, as it is called, has yielded immense quantities of gold. It would seem that thousands of years ago gold from rocks and the common soil was washed down tributary streams to the great rivers, and these rivers, from some convulsion of Nature or other, have for ages past been buried many fathoms deep. A colonial writer of experience, Mr. Smyth, says, in reference to the siluvial deposits in these old rivers, "When the first difficulties are overcome, when the miner reaches the nozah-dirt, his reward is great. For years he may have been contending with hard rock, with loose, we drift, worse than rock, or spending his time uselessly in driving galleries in the wrong direction, but when at last he touches the gutter he finds wealth. Gold, which has been hidden for perhaps millions of years; gold, which has been purified by contact with water and air, whereby the base metals have been oxidised and carried away, is presented to his view. Every shovelful of earth is valuable, and not a handful of it but gives evidence of great forces, which during the lapse of ages have ground down and washed the detritus of quartz reefs and silates." When the bed of the river was met at the Sir William Dan, gold to the value of £3,781,5; s. 40, was returned in less than a year. The Redan Company got gold to the value of £3,781,5; s. 40, was returned in less than a year. The Band of Hope have soid 387,1381, worth, and other aliuvial mines in the same district have produced in the aggregate over one millions sterling. The Sir William Dan pay 1500 per cent. on the paid-up capital.

worth, and other alluvial mines in the same district have produced in the aggregate over one million sterting. The Sir William Don pay 1500 per cont. of the paid-up capital.

In the Victoria district the tributary streams, where reached, have yielded quantities of gold, but the Australian United Company has been the first to get down to the main gutter or stream, and for many mouths the progress and the difficulties met with by the company have been watched with great interest in the colony, and the result, as telegraphed a month ago, and now confirmed by letters, has consequently caused great excitement at Melbourne. The run of the old river through the property of the Australian United is one-third of a mile, and it contains 132,003 equare feet of bed, which has been reached at a depth of about 70 fms. from the surface. At Ballarat the average yield, we understand (from the Melbourne Argus), has been 10.5, per load for a shaft the same size as that of Australian United, but here it is nearly 3 cas. of pure gold, leading to the expectations of very rich results in driving from the shaft and getting into regular work. Indeed, we have seen private letters from parties of the highest respectability in Melbourne, unconnected with the company, stating that the miles now bids fair to become one of the richest in the colony. Had it bees owned by a local company the shares, it is said, would have more than trebled in price; but being all held in this country the excitement is not so great, nor will it be, perhaps, till the actual returns of gold arrive.

VAN CONSOLS.—A correspondent in last week's Journal would call attention to the fact that Pen-y-Clyn was between Van and Van Consols. This is what we have on several coessions stated in this place, and was well knew to the readers of the Journal. The lode was first opened in Van Consols. (Bryatall), and was very productive in the western part; then in Pen-y-Clyn, where it yielded 130 tons of lead per month; and next in the Van Inne, where it is releast of all. The whe

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## RAILWAY WAGON WORKS, BARNSLEY. MESSES. G. W. AND T. CRAIR

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The result of two months' trial of this battery shows that from six to seven cons of ore can be pulverised by each head in twenty-four hours. The price, and other particulars, can be obtained on application to—

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Hayle, April 20, 1870.

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N E W C P A N A D A NEW GRANADA,

By WILLIAM LEAY, M.A., Oxon, Some time Reduction Officer at Santa Ana, Marmato, and Morro Velho. Address, Vicarage, Downside, Bath.

#### In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN the MATTER of the COMPANIES ACT, 1862, and of the WHEAL POLMEAR MINING COMPANY.—TO BE SOLD, under the direction of the Registrar of the said Court, BY PUBLIC AUCTION, on Monday, the 2nd day of May next, at One o'clock in the afternoon, at Wheal Polmear Mine, in the parish of St. Austell, within the said Stannaries, either cogether or in lots, ONE 36 in. cylinder PUMPING ENGINE, 10 ft. stroke, even beam, and TWO BOILERS, 10 tons each.

The above may be inspected on application to the Officer of the Court in possession thereof at the mine.

B. HEARLE COCK, Solicitor, Truro.

Dated Registrar's Office, Truro, April 20, 1870.

#### FREEHOLD OF CAPE CORNWALL, FOR SALE.

FREEHOLD OF CAPE CORNWALL, FOR SALE.

MR. W. HOSKEN RICHARDS (Auctioneer) WILL SELL, BY AUCTION, at Williams's Commercial Hotel, in the town of St. Just, on Saturday, the 36th day of April inst., at Three o'clock in the afternoon, the INHERITANCE IN FEE (subject to the life interest of a gentleman, aged about 74 years) of and in all that celebrated promontory and tract of LAND, known locally and geographically as

"CAPE CORNWALL."

Situate in the parish of ST. JUST (in Penwith), in the county of CORNWALL. Comprising engine-house and buildings for mining purposes; a farm house and outbuildings; and about SIXTEEN ACKES of LAND, known to contain several very valuable tin and copper lodes. The right to work connecting lodes under the sa and foreshore has also been obtained from the Crown and Ducby of Cornwall, on payment of half the usual royalities.

The whole of the minerals under the Cape will belong to the purchaser after the determination of the tenancy for life, and one-half thereof in the meantime. Cape Cornwall is a most interesting and picturesque spot, justing boldly into the Alantie as a striking sea mark; and it forms a splendid object of view from the Land's End and other parts of the Western Coast. It is situate near several most valuab'e tin mines, and its geological formation makes it probable that there is much mineral wealth in it yet to be discovered.

Further particulars may be obtained on application at the offices of—Dated 18th April, 1870.

MR. TRYTHALL, Solicitor, Penzance.

THE SULBY RIVER LEAD MINING COMPANY (LIMITED).

TO BE SOLD, BY AUCTION, on Tuesday, April 26, 1870, at the INGS, and MINING GMPANY (LIMITED).

TO BE SOLD, BY AUCTION, on Tuesday, April 26, 1870, at the INGS, and MINING MATERIALS belonging to the said company, comprising—ONE WATER WHEEL, 50 feet diameter by 3 feet 6 inches breast; upwards of 50 fathoms of rods, pulleys, and stands; bob and requisites; upwards or statement of the pumps, ladders, and shaft casing; large and powerful cran or winch; iron blocks, chains, smiths' bellows, anvils, and tools; picks, spades iron, steel, powder, grease, a quantity of timber, three substantial wood houses and all the other utensils on the premises; also. In the GOODWILL and LEEASE of the MINERALS from the Crown. The materials enumerated above are nearly new, and of excellent quality. For further particulars, apply to—

(EKO, MALEY, Athel street Towns 12.

The materials enumerated and to the first further particulars, apply to—
GEO. MALEY, Athol-street, Douglas, Isle of Man
(the Liquidator).

## UNRESERVED SALE OF MINE AND MATERIALS.

SNAEFELL MINING COMPANY (LIMITED)

TO BE SOLD, BY AUCTION (by Order of the Liquidators appointed by the company), on Wednesday, the 27th day of April Inst., at Twelve o'clock noon, in the Parlour at St. James's Hall, Douglas, Isle of Man, all and singular the SNAEFELL MINE, situate in the parish of Lonan, in the Isle of Man, together with the LEASE, and PLANT, IMPLEMENTS, MATERIALS, and PROPERTY of every kind belonging to the said mining company.

The mine is held under lease from the Company.

MATERIALS, and PROPERTY of every kind belonging to the said mining company.

The mine is held under lease from the Crown for a term of years, of which elighteen years were unexpired on the 10th October last. The sott consists of 567 acres of land in the parishes of Lonan and Lezayre.

Snaefell Mine is in good working order, and the plant, amongst other articles, consists of a WATER WHEEL, 50 ft. diameter, by 3 ft. 6 in. breast, with all requisite goar for pumping and drawing.

There are on the premises—joiners' shop, changing-house, lead-house, crushing-mill, smithy, with tools, &c.; office, with furniture and fixtures; miner's cottage, with furniture.

The washing-floors, though small, have all requisite fittings for washing and dressing.

dressing.

There are small quantities of iron, steel, timber, and other stores on the premises, and a variety of mining tools, implements, and materials.

The shaft is sunk to a depth of 70 fms., with levels at 25, 40, 50, and 60 fms.
below the adit.

elow the adit.

Both lead and blende ores are being raised from the mine, and the purchaser will be entitled to any ore raised, if not dressed previous to the sale.

The whole will be set-up for sale in One Lot, and will be sold without any

serve.

The mine and property can be inspected at any time on application to Capt.

ENRY JAMES, the manager, and further particulars obtained from the undergned.

By order of the Liquidators, WM. BECKWITH.

Bank Chambers, Douglas, 1st April, 1870.

THE VAN LEAD MINE, LLANIDLOES.  $\mathbf{T}^{ ext{O}}$  BE LET OR SOLD, the most IMPORTANT MINERAL and FARMING PROPERTY, called

SOFL CEIRCH,
Adjoining the famous VAN LEAD MINE on the north-west, one field bettee Van Mountain. The Van Company are now opening on a lode near this Soft Ceirch Estate, having exchanged hands, brings to market this mosp

Soft Ceirch Estate, having exchanged nands, utiligs to market this most important mineral property.

The family of the present tenant have lived upon the farm 160 years, and have from time to time turned up large lumps of lead from the back of the lode in course of ploughing; and, fearing they would lose their farm, never named it. The property is freehold.

Application to be made to JOSEPH JUKES, Esq., Birkenhead, the proprietor; or to Mr. CHARLES D. BUTT, No. 2, Brunswick-street, Liverpool.

## NORTH WALES.

NORTH WALES.

TOR SALE, BY PRIVATE CONTRACT, part of a most VALUABLE SLATE AND SLAB PROPERTY, held on lease for a term of 40 years, from March, 1863, at 1-16th royalty.

The property advertised is a counterpart of a slate and slab range now in work, the merits of which will bear the fullest investigation.

Both the slab and slate velus are unusually thick, and require, comparatively, but small capital to return large profits.

The property has the advantage of a splendid water power, and a tramway passes through the sett to the shipping port—distance about six miles.

Full particulars can be had by applying, by letter, to "Box C 31," Post Office, Liverpool; or to—

Full particulars can be used by the Liverpool; or to—
Mr. JOSEPH KELLOW, Quarry Engineer, 2, Park-terrace,
Port Madoc, North Wales.

## FOR SALE.

THE ULING COAL MINES, situated in the district of NAGA

in the Island of CEBU (Philippine Islands). The distance from the mines to the sea shore is 10 kilometres, the whole of which is a carriage road.

The company possesses a royalty of 60 lots, comprising together 9,000,000 of square motres of ground, with several seams of COAL, two of which, of three and four motres in thickness, have been proved through a distance of two kilometers.

and four motres in thickness, have been proved through a distance of two kilometres.

The principal workings consist of two drifts, each 550 metros in length, which have already cut through three of the coal seams, and are now (August, 1869) calculated to be within 50 metros distance of the large ones, and at a depth of 150 metros from the surface of the ground.

The Spanish war steamers have made use of this coal, the consumption of which has been recommended by the Government.

The company have cattle in abundance, carts, and every requisite means for conveying the coal as quickly and as economically as possible.

There are in the neighbourhood of the mines large forests, and large lots of uncultivated ground, which now produces timber necessary for the use of the mines, and which may afterwards be turned into tobacco or sugar cane plantations, for which purpose it is admirably adapted.

The mines in the Philippine islands are not subject to any tax, and all machinery required for coal digging, &c., is free of any duty.

The laws allow any foreigner to purchase, keep, and work the mines.

The sale will take place in Manilla, by public auction, on the 31st May, 1870. For further particulars, apply to ROXAS HERMANOS, or to ANTONIO DE AYALA, Manilla.

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under about FIFTY ACRES of LAND adjoining a railway.

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TO BE LET, ON LEASE, the NUNEATON NEW COLLIERY, WARWICKSHIRE. The colliery is at work, and well fitted up with WINDING ENGINE and MACHINERY, two 8-feet shafts are sunk below the Seven Feet Coal, 200 yards deep, one of which has recently been well fitted up with conductors, cages, &c., for winding, and TWO SEAMS—vis., Slate Coal and Seven Feet Coal—are partially opened. The plant to be taken to at a valuation.

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LEAD AND COPPER MINES TO BE SOLD.

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Begs to inform the Mining Public that he has OPENED a LEAD MINE at
Mynydd Melog, in the parish of Aberdaron; also a COPPER MINE in the same
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The lead mine is a continuation from Tan-y-Allk, which is now worked by a
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There is an abundant supply of water, and the mines can be worked without
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This valuable property is NOW ON SALE, and will be sold at a moderate
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N. B. Permission, for reference as to the machinery for the above named.

N.B.—Permission for reference as to the machinery for the above-named boring has been granted by Professor JOHN PHILLIPS, M.A., LL.D., University Museum, Oxford; and by ROBERT KTHERIDGE, Esq., F.R.S.E., Royal School of Mines, Museum, Jermyn-street, S.W.

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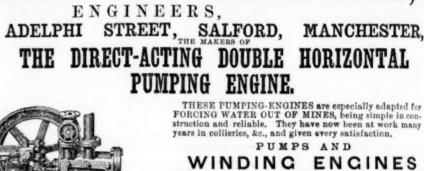
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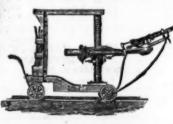
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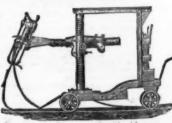
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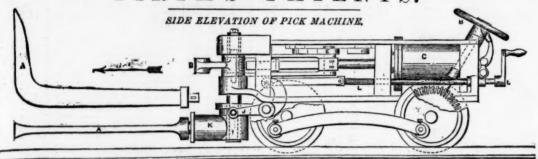
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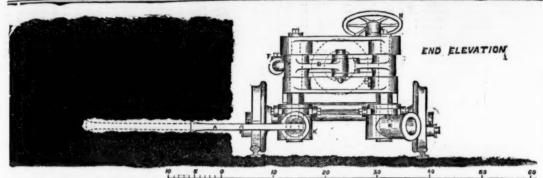
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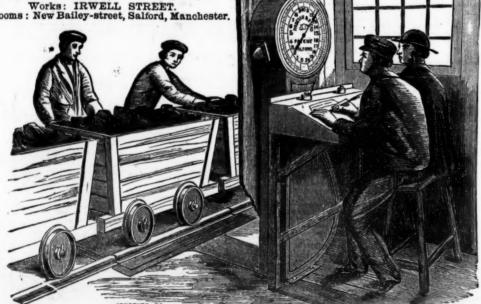
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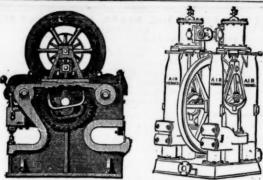
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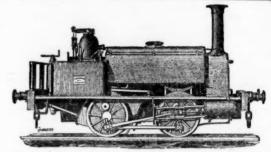


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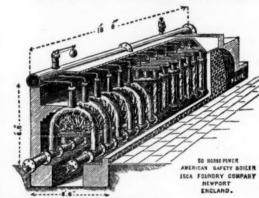
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ISCA FOUNDRY COMPANY, NEWPORT, MONMOUTHSHIRE; and 25, LAWRENCE POUNTNEY LANE, LONDON, E. MANUFACTURERS OF

MILLER'S SAFETY BOILER.



This boiler is safe from destructive explosions. It evaporates 11 ibs. of water per ib. of coal.

It cansumes its own smoke.
At 73 ibs. pressure the pyrometer applied in the flue onlyshows 860° of heat in the waste gases.

It occupies only one-half the space of a Cornish boiler.

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Duplicate parts are always in stock for repairs.

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POWERFUL-SIMPLE-DURABLE-RELIABLE-CHEAP. SUPERIOR TO ALL OTHER INVENTIONS.

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GAMBLE'S PATENT STEAM LUBRICATOR. FOR STATIONARY, LOCGMOTIVE, AND STEAM ENGINES.

SELF-ACTING

Lubricates all the valves and internal parts of the cylinisly. Effects a most important saving in the oil or tallow. Increases the regularity of working. Prevents frequent repairs.

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RITISH, COLONIAL, AND FOREIGN PATENTS, REGISTRATION OF DESIGNS, COPYRIGHTS, TECHNICAL TRANS-

MICHAEL HENRY,

Mem. Soc. Arts, Assoc. Soc. Engineers, Compiler of the "Inventors' Almanac," and the Author of the "Defence of the Present Patent Law,"

PATENT REGISTRATION AND COPYRIGHT AGENT AND ADVISER.

Mr. HENRY has had especial experience in technical French, and in French Manufacturing and Commercial Matters.

Inventors advised in relation to Patents and Inventive and Industrial Matters. Frinted information sent free by post. Specifications drawn and revised, searches conducted. Abstracts, Casee, and Opinions drawn.

Offices, 68, Floct-street, E.C., London, corner of and entrance in Whitefriars Street.

## WEST END STOCK, SHARE, AND INVESTMENT

ADELPHI CHAMBERS, JOHN STREET, ADELPHI, W.C. CITY OFFICES: 48, THREADNEEDLE STREET, E.C.

The WEST END AGENCY guarantees the Inspection of Mines and Mineral Properties on the shortest notice, at moderate expense.

The WEST END AGENCY is peculiarly adapted for the Negociation of Purchase or Sales of Stocks not possessing a market value. Loans are also negociated on Mine Shares, Mines, and other properties, at a reasonal rate of interest. office hours Ten till Four.

G. D. SANDY, Manager.

SPECIAL BUSINESS in the following at close market prices:

SPECIAL BUSINESS in the following at close market prices:

STANEEVILLE.

STANEEVILL

MR. EDWARD GLEDHILL, MINING AGENT AND

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MINING AND ASSAY OFFICES,

CLAREMONT HILL, SHREWSBURY.

Mines surveyed and reported upon. The management of mines conducted.

The sale of mines, mining property, ores and minerals, &c., negociated. Shares dealt in.

THE MESSRS. VERCOE, PRACTICAL MINING ENGINEERS AND SURVEYORS, are prepared to INSPECT and REPORT OF ANY AND SURVEYORS, are prepared to INSPECT and REPORT on any property in GREAT BRITAIN, and should be CONSULTED especially on the MINES IN THIS DISTRICT.

Caldbeck, Wigton, Cumberland.

TO CAPITALISTS, AND OTHERS. VALUABLE TIN, LEAD, IRON, SLATE (Cornish and Welsh),
CHINA-STONE, and CHINA-CLAY SETTS may now be had on reasonable terms. For particulars, apply to EING, Solicitor, Camelford, Cornwall.

MINING SETTS IN DEVON. TIN, COPPER, AND LEAD, in the Manor of SHEEPSTOR, and LANDS in TAVISTOCK, WHITCHURCH, PETER TAVY, LAMER TON, and LIDFORD. Water power. Terms, 21 years, renewable. Dues, 1-30th for Tin. 1-20th for Copper and Lead, reduced to 1-60th after a moderate outlay,

ntil mines pay cost. Apply to Mr. CATER, Solicitor, Plymouth.—Feb. 19, 1870.

## BRAGANZA GOLD MINING COMPANY

(LIMITED).
ISSUE OF THE UNALLOTTED SHARES.

Capital £50,000, in 50,000 shares of £1 each.

The liability of the shareholders is limited to the amount of their shares, the company being registered under the Companies Acts, 1862 and 1867, with limited liability.

Deposit for registered shares 5s. per share on application, and 5s. on allotment. Calls not to exceed 2s. 6d. per share, nor to be made at intervals of less than three months.

CHARLES MORRIS, Esq., Director of the United Mexican Mining Company—Charman. W. H. RICHARDS, formerly of the St. John dei fley Gold Mines, Brazil.

BANKERS.
THE CONSOLIDATED BANK, Threadneedle-street, and its Branches.

Messrs. GEO. BURNAND AND CO., 69, Lombard-street, E.C.

No. 4. COLEMAN STREET BUILDINGS (48A) MOORGATE STREET, E.C.

The company's superintendent, Mr. W. H. Richards, who has had upwards of 20 years' experience of gold mining in Brazil, 12 of which were in the employment of the St. John del Rey Mining Company, has been closely engaged since his arrival on the mine, in October last, in testing the value of the vast alluvial deposits on the company's property, and in opening up the great quarts formations, of which the mountain is so largely composed.

After proving beyond all question that this great extent of alluvial soil is anyierous, he proceeded to intersect the quarts formation, and on Dec, 31 he advised the directors that, as the workings approached the lode in the shallow cross-cut, the samples were found to be richer, and on Jan. 10 he telegraphed

advised the directors that, as the workings approached the lode in the shallow cross-cut, the samples were found to be richer, and on Jan. 10 he telegraphed as follows:—

"Cat rich vein at Morro Tabac; yield, 8 ozs. of gold per ton."

His letters, dated Jan. 22, fully confirmed this most satisfactory intelligence, but in driving the cross-cut still further be came upon another lode, which he advised on Feb. 18 in the foliowing telegram:—

"Cut another lode, 4 ft. wide; yield 4 ozs. to the ton."

This he confirmed by letter, dated Feb. 22, in which he states that the ore yielding 4 ozs. of gold to the ton was broken indiscriminately from the lode, which would yield at least 6 tons of ore per fathom, and can be broken at a trifling cost. He further writes:—

"I am constructing a shed close to the works, under which we shall place our washing apparatus—a 'canoa,' or sluice box, in which we can wash all the fine stuff we extract, reserving the harder portions for the crushing-mill, and Itroat we shall by this means be able to make some returns almost immediately."

"The stone in the lode previously reported as cut on Jan. 10 is still very good, and the whole body will render splendid results in the stamping-mill."

Again, on Feb. 28, Mr. Richards wrote:—

"I am happy to say that the lodes, on the four places in which we are opening on them, continue very favourable in their appearance."

The company's mine is thus opening with most unprecedented rapidity and success, and the directors, therefore, decide to issue the unallotted shares, that they may be enabled to work both the alluvial deposits and the quartz lodes as actively and extensively as possible.

Applications for the remaining shares must be made on or before May 5.

Prospectuses, with forms of application and full particulars, may be obtained at the offices of the company, or of the bankers or brokers, as above.

By order of the Board,

William EDWARDS, Secretary.

No. 4, Coleman-street-buildings, Moorgate-street, E.C., April 23, 1870.

## THE TEIGN VALLEY LEAD AND BARYTES MINING COMPANY (LIMITED),

BRIDFORD, DEVON.
Incorporated under the Companies Acts, 1862 and 1867. Capital 220,000, in 4000 shares of £5 each. Deposit, 10s, per share, and 10s, on allotment. Calls not to exceed 10s, per share, at intervals of not less than three months.

Bir I.AWRENCE PALK, Bart., M.P., Haldon House, Devon.
E. BRYDCKS WILLYAMS, Esq., M.P., Nanckivel, Cornwall.
Col. BEENT (Director of the London and South-Western Bailway Company), Woodbury, Devon.

dbury, Devon.
T. HEAD, Esq., The Briars, near Exeter.
T. TREFFRY, Place, Fowey, Cornwall. (With power to add to their number.)

BROKERS—Mesers, Ward and Jackman, 31, Threadneedle-street, London.
BANKERS—The National Provincial Bank of England, Bishopsgate-street,
London, and Exeter.
SECRETARY—Mr. J. O. Harris.

OFFICES,-2 AND 3, GANDY STREET, EXETER.

ABRIDGED PROSPECTUS.

This company is formed to work the lead and barytes mines on the Venn and Birchaller estates, Bridford, Devon, of which leases have been obtained at 1-15th royalty for lead and other metals.

The property is 640 fms. in length on the course of the lodes, and is situated north of Frank Mills Lead Mine, in the same valley, and contains the same lodes, 100,000 tons of barytes are already discovered above the addit level, which can be raised and sold, either in its unmanufactured or manufactured state, at a large profit.

profits.

Applications for shares to be made to the Secretary, at the company's offices, of whom full prospectuses and plans of the mine can be obtained.

#### THE QUEEN'S HOTEL, ABERYSTWITH. MR. JOSEPH MANN, Working Manager.

NOTE .- REGISTERED OFFICES OF NOTE-BEGISTERED OFFICES OF THE BRONFLOYD UNITED COMPANY (LIMITED), THE BLAEN CAELAN COMPANY (LIMITED), THE LLYWERNOG COMPANY (LIMITED), THE DOLWEN COMPANY (LIMITED), THE MID-WALES HOTEL COMPANY (LIMITED),

J. B. BALCOMBE, Managing Director.

## THE MINING SHARE LIST.

	BRITISH	D	T	VII	DEN	ID	MIN	1E	S.						
hare	Afines.		aid	. L	ast P	r.	Business	. T	otal	die	8. P	er 8	hare.	Last	oald.
1500	Alderley Edge c. Cheshire	10	0	0	-				10	6	8	0	5 0	Jan.	1665
		91	5	0	230		220 225		565	5	0	5	0 0	Feb.	1870
0000		1	0	0	4		334 434		1	3	1	0	1 6	Jan.	1870
		4	0	0	334		3% 3%	**	0	8	6	04	1 6	Apr.	1870 1869
6400	Cashwell, I, Cumberland  Cargoll, s-I, Newlyn		10	0	-				0		0	0 1	2 6	Dec.	1869
916	Cargoll, s-l, Newlyn	15		7	6		5 7		16	10	0	0 1	0 0	Aug.	1868
		0		8	-							0	7 0	Apr.	1870
				9	15		15 151/2		8	10	0	0 1	7 6	Feb.	1870
		10	0	0	_				9	10	0	0 1	0 0	April	
					_					18	0	à	5 0	Apr.	1870
		60	10	0	_	••			987	10	0		0 0	July	1869
		300	0	0	_			**	177	0	0	. 1	0 0	July	1868
		300	0	0	100	••	95 105	**	1141		0		0 0.	Jan.	1870
		49	14	0	18	••	18 20		6		0		0 0.	Dec.	1869
656	Ding Dong, t, Gulvalt Dolcoath, c, t, Camborne	32		6	132		1991/1875	4	238	12	6	3		Apr.	1870
1432	Dolcoath, c, t, Camborne.		10	0	134	**	114 134	***	1	2	3	0	1 3	Apr.	1870
7800	Drake Walls, t, Calstockt			6	432		134 136 134 136 434 434		14	11	6	0	2 0	July	1869
6144	East Caradon, c, St. Cleert East Darren, I, Cardiganshire	82		0	-/4		-/4 -/4		182	10	0	9	0 0.	Feb.	1870
		0	9	9	7		734 734		9	19	3	0	3 3.	.Mar.	1870
1906	East Wheal Lovell, t, Wendron	3	9	0	26		261/4 27		10	16	0	2	0 0.	.Apr.	1870
2800	Foxdale, I. Isle of Man*	25	0	0	-		/8		75	5	0	0	10 0.	Apr. Mar.	1870
8000	Frank Mills. I, Christow	3	18	6	_				4	1	6	0	4 0.	.NOV.	1965
		3	10	6	_				0	3	0	0	3 0.	Jan.	1868
5000	Connet Layer L. 1810 Of Man	4	0	0	18		1814 1914		12	3	0	0	10 0.	.Mar.	1870
		8	0		-					-		81	).ct	Feb.	1009
		40	0	0	13		11% 12%		15	8	6	0	2 0.	Mar.	1870
1024	Harodsfoot, /. Bear Lisacaru;	8		0	44		40 42			10	0		10 0.	. Feb. Nov.	
2000	Holmbush and Kelly Bray, C*	1			-				0	9	0	0	0.0	Feb.	1870
0000	Ironmasters' Company	10	0	0	-		9/ 9		0	7	0	0 6 p	ot.	Mar.	1870
0000	Killaloe, sl, Tipperary	1	0		76		% 1		0			0 1	0.0	Aug.	
165	Killaloe, sl, Tipperary Levant, c, t, St. Just	10	8	1	-				1101	0	0	3	0 0.	Jan.	1870
			15	0	-			**	023	0	0	ő	5 0.	Oct.	1868
		30	0	0	7	**	#1/ #1/	**	6			ŏ	4 0.	Apr.	1870
		25	10	6	175		7% 7%	**	268			5	0 0.	Feb.	1870
1800	Minera Mining Co.1, Wrexham Mining Co. of Ireland, e, l, cl	7		0			914 914		200	_		13	D.C.	Jan.	1870
0000	Mining Co. of Ireland, e, e, e, co	3	10				014 014		0	16	8	0	5 0.	Jan. Mar.	1870
		10	12	0		•	11 111/6			5	0	0	10 0.	.Mar.	1870
2000	North Levant, t, c, St. Just	50	0		-		/-			10	0	3	10 0.	.Aug. Jan.	1868
200	Parys Mines, c, Anglesey* Penhalls, t, St. Agnes	3	0	0	61/		614 614		1	0	6	0	5 0.	.Jan.	1870
400	Proentx, t, c, Linkinhorne	50							230	15	0	6	0 0	.I n.	1870
900	Prince of Wales, c, Calstock	0			3	ģ.,	34 %		. 0	10	6	0	10.	Nov.	1869
1190	Providence, t. Uny Lelautt	10	6	7	4.0		40 43		97	. 2	6	1	10 0.	. Mar.	1870
819	Providence, t. Uny Lelautt South Caradon, c, St. Cleert	1	8	0			290 300				0	5	0 0.	. Mar.	1870
6000	South Darren, I, Cardigan	8	6	6	-				1	0	0	0	2 0.	" LAGA"	1000
	Court Wh Crofty & Illogan	24	10		91/	6	9 10			10	0	0	10 0.	Sept.	1868
496	So. Wh. Frances, c, Hog. 11	18			9		87				6			. Mar. . Feb.	1870
242			17				16 18		12	10	0			. May	1869
940	St. Ives Consols, t, St. Ives;	10	15	0	10		9 10		0	40	6		9.6	Nov.	1869
8771	St. Just Amalgamated, to	- 3	10	0	_					6	6	0	5.0	Feb.	1868
508	Summer Hill, I, Mold	3	18	6	90		32 33	**	0.0	1	0	i	0 0	.Feb.	1870
6000	Tincroft, c, t, Pool, Illogant	.,	10	0	30 25		24 25	**	10	17	0	0	15 0.	.Apr.	1870
2000	Trumpet Cons., t, Helston	11	5	0			99 95	**			0	0	10 0.	.Mar.	1870
2000	Van, l, Lianidloes	10	9	0		••	85 56				6	9	0 0.	. Feb.	1870
2000	W. Chiverton, I, Perranzabuloef	0	1	0		••					0		1 0.	July	1869
\$000	West Godolphin, t, c, Breage	5	11	0	_				0		0		2 0.	.June	1869
2582	West Great Work, t, Breage	106	16	0	38	**	36 38		4	10	0	1	10 0.		1869
512	West Wheal Frances, t, Illogan	47	0	0	140		125 130		656		0		0 0.	.Apr.	1870
400	W. Wheal Seton, c, Cambornet Wheal Basset, c, Illogant Wheal Jane, s-I, Kea	5	9	6						10	0	1	0 0.	.June	1868
512	Wheal Jane al Kea	10		0	4.5		44 46							.Apr.	1870
4295	Wheal Kitty, t, St. Agnes	8	4	6	61/		656 656		. 4	13	0	0	5 0.	. Feb.	1870
1024	Wheal Kitty, t. Uny Lelantt	8	10		13		18% 14%			2	6	0	15 0.	.Jan.	1870
896	Wheal Kitty, t, Uny Lelantt Wheal Margaret, t. Uny Lelant:	13	17		8		7 9		77	5	0	0	10 0.	Nov.	1869
1024	Wheat Mary Ann, t, mennesser,	8	0	0	13		12 14		70				10 0.	.Mar.	1870
1000	Wh. Mary Hutchins, Plymp., t	2	12		-				400	10	0	0	00.	.Aug.	1869
90		70	0	0			081/ 00		923	18	0	9	0 0	. Nov.	1869
396	Wheal Scton, t, c, Camborne Wicklow, c, i, Wicklow		10	0	25			**	50	18	0	0	5.0	.Sept.	1869
7000	Wicklow, c, i, Wicklow	3		0	8							0		. nepu	
	MOURIC		n	T T7	TTO B	N	D MI	KI	ER						

FOREIGN DIVIDEND MINES.

NON-DIVIDEND MINES. Patd. Last Pr. Bu

\*. Companies marked thus \* have been incomporated with Limited Liability; those marked † have been admitted on the Stock Exchange, those marked thus \* have been incomporated with Limited Liability; those marked † have been admitted on the Stock Exchange, those marked thus \* have been admitted on the Stock Exchange, those marked thus \* have been admitted on the Stock Exchange, those marked thus \* have been admitted on the Stock Exchange, those marked thus \* have been admitted on the Stock Exchange, those marked thus \* have been admitted on the Stock Exchange, those marked thus \* have been admitted to the Stock Exchange, those marked thus \* have been admitted on the Stock Exchange, those marked thus \* have been admitted to the Stock Exchange, those marked thus \* have been admitted to the Stock Exchange, those marked thus \* have been admitted to the Stock Exchange and the Stock Exchange

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